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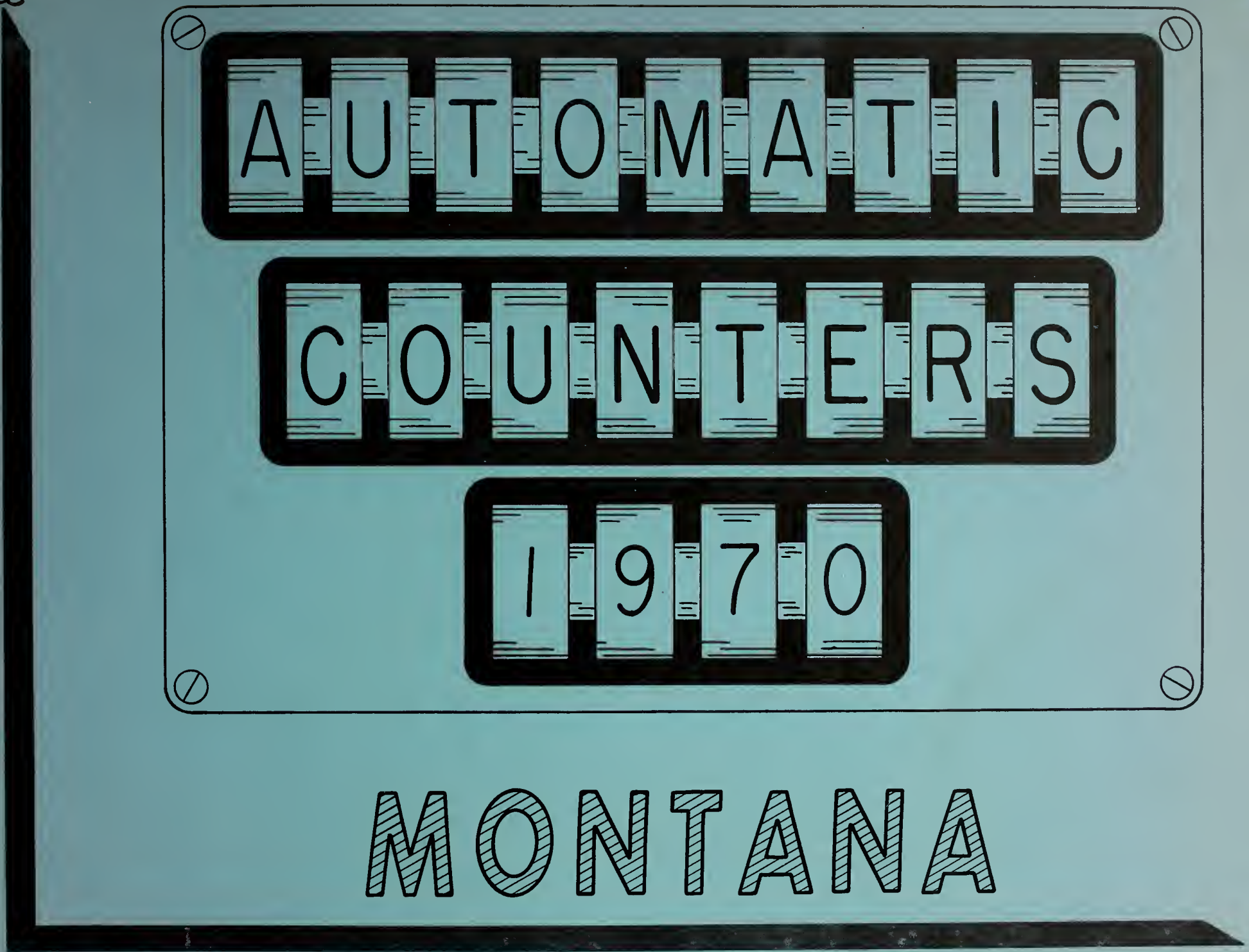

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MONTANA

AUTOMATIC COUNTERS 1970

Prepared by the

MONTANA STATE HIGHWAY COMMISSION

PLANNING SURVEY SECTION

In cooperation with

U.S. DEPARTMENT OF TRANSPORTATION

FEDERAL HIGHWAY ADMINISTRATION

BUREAU OF PUBLIC ROADS

LOCATION OF
PERMANENT COUNTERS

MONTANA

FEDERAL AID INTERSTATE,
FEDERAL AID PRIMARY,
FEDERAL AID SECONDARY
AND FOREST HIGHWAY ROUTES

PREPARED BY THE
MONTANA STATE HIGHWAY COMMISSION
PLANNING SURVEY SECTION

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
BUREAU OF PUBLIC ROADS

SEPTEMBER 1968

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I N T R O D U C T I O N

This report contains a brief, concise summary of traffic patterns at each permanent traffic counter that was in operation during the year 1970. The traffic volumes for each month and day of the week are compared to average daily traffic for the year. A total of 41 automatic traffic counters were in operation during 1970.

At each recorder the highest, the 10th, the 20th, the 30th, the 40th and the 50th highest hours that occurred during each year are shown as a computed percentage figure of the average daily traffic. These are compared to the previous eight years and 1941 as to stability and accuracy.

The 41 counters are distributed to the Highway System as follows:

10 on Interstate Rural	4 on Secondary System
18 on Primary Rural	2 on Arterial City Streets
3 on Primary Urban	4 on Interstate Frontage Roads

30th MAXIMUM HOUR

The American Association of Highway Officials decided it was not practical to design for the average daily traffic or the highest traffic that occurs during the year. If highways are designed for the average daily traffic, there would be times when the movement of vehicles would surge far above the average. If designed for the highest traffic volume, such conditions would occur only once or twice a year. Upon thorough investigation, it was agreed that the 30th highest hour would be a feasible traffic volume for design purposes. This particular hour is known as the Design Hour Volume, or the 30th maximum hour, and was to be used as the criterion for the design of the "National System of Interstate Highways." It is also now used in the design of Primary and Secondary Highways in Montana.

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-1 YEAR 1970
LOCATION I-90 10.0 Miles East of Missoula

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 40.3 % Foreign Pass Cars 27.5 % Pickups 17.4 % Commercial 14.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Manth Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1,948	1,777	1,813	1,888	1,829	2,249	1,841	1,913	1,923	99.48	56.43
February	2,374	2,219	2,134	2,196	2,284	2,644	2,231	2,297	2,295	100.09	67.76
March	2,693	2,442	2,428	2,512	2,658	3,013	2,425	2,588	2,595	99.73	76.34
April	3,030	2,435	2,490	2,582	2,570	3,091	2,851	2,711	2,628	103.16	79.97
May	3,569	2,553	2,719	2,696	3,141	3,728	3,204	3,167	3,062	103.43	93.42
June	4,645	4,140	4,528	4,458	4,431	5,073	5,026	4,561	4,461	102.24	134.55
July	5,579	5,738	5,556	5,386	5,593	5,957	5,168	5,637	5,729	98.39	166.29
August	5,284	5,194	5,430	5,371	5,406	5,852	5,420	5,410	5,438	99.49	159.59
September	4,226	3,910	3,944	3,851	4,015	4,602	4,275	4,103	4,049	101.33	121.04
October	3,730	2,998	2,843	2,955	3,253	3,843	3,314	3,333	3,265	102.08	98.32
November	3,315	2,420	2,531	2,828	2,443	3,084	2,694	2,766	2,649	104.42	81.60
December	2,209	2,163	2,157	2,279	2,266	2,164	2,086	2,193	2,209	99.28	64.69
Daily average for year	3,550	3,166	3,214	3,250	3,324	3,775	3,378	3,390	3,359	100.92	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-1

ROUTE I-90 & U.S. 12 East of Missoula

TRAFFIC TYPE Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	1,251	290	23.2	216	17.3	196	15.7	195	15.6				
1961	2,238	390	17.4	290	12.9	283	12.6	279	12.5	267	11.9	264	11.7
1962	2,651	406	15.3	390	10.7	383	14.4	375	14.1	370	14.0	368	13.9
1963	2,514	398	15.8	340	13.5	331	13.2	324	12.9	321	12.8	317	12.6
1964	2,388	398	16.7	354	14.8	348	14.6	344	14.4	340	14.2	336	14.1
1965	2,495	376	15.1	358	14.3	349	14.0	344	13.8	339	13.6	336	13.5
1966	2,722	410	15.1	380	14.0	364	13.4	359	13.2	355	13.0	352	12.9
1967	2,868	435	15.2	401	14.0	390	13.6	380	13.2	373	13.0	370	12.9
1968	3,002	469	15.6	424	14.1	412	13.7	405	13.5	402	13.4	394	13.1
1969	3,215	510	15.9	462	14.4	448	14.0	436	13.6	427	13.3	422	13.1
1970	3,390	520	15.3	472	13.9	459	13.5	450	13.3	444	13.1	437	12.9
Average	2,612	418	16.0	372	14.2	360	13.8	354	13.6				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-2 YEAR 1970

LOCATION U.S. 12 and Mont. 287 - 0.5 Miles East of East Helena

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 57.7 % Foreign Pass Cars 18.6 % Pickups 13.9 % Commercial 9.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1,849	1,372	1,314	1,328	1,335	1,744	1,686	1,520	1,422	106.89	60.64
February	2,469	1,742	1,501	1,508	1,603	1,846	1,801	1,781	1,640	108.60	71.05
March	2,423	1,603	1,486	1,570	1,872	2,285	2,138	1,904	1,743	109.24	75.96
April	2,988	1,771	1,577	1,730	1,877	2,384	2,530	2,101	1,862	112,84	83.81
May	4,024	2,152	2,034	2,138	2,212	2,976	3,271	2,758	2,335	118,12	110.02
June	4,723	2,901	2,844	2,897	3,090	3,680	4,083	3,420	3,063	111.66	136.43
July	4,809	3,410	3,161	3,177	3,347	3,971	4,210	3,708	3,429	108.14	147.92
August	4,502	3,182	3,157	3,201	3,268	3,771	3,944	3,604	3,309	108.92	143.77
September	3,510	2,721	2,421	2,350	2,499	2,981	3,237	2,788	2,575	108.27	111.22
October	3,175	2,141	1,921	2,044	2,180	2,857	2,747	2,453	2,255	108.78	97.86
November	2,777	1,841	2,103	2,167	1,915	2,403	2,228	2,212	2,074	106.65	88.24
December	2,035	1,809	1,710	1,786	1,780	1,858	1,905	1,832	1,785	102.63	73.08
Daily average for year	3,274	2,220	2,102	2,158	2,248	2,730	2,815	2,507	2,291	109.43	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-2

ROUTE U.S. 12 & Montana 287
East of East Helena

TRAFFIC TYPE Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	1,820	276	15.2	258	14.2	251	13.8	246	13.5	242	13.3	238	13.1
1962	1,958	363	18.5	334	17.1	320	16.3	310	15.8	303	15.5	298	15.2
1963	1,873	331	17.7	287	15.3	279	14.9	270	14.4	260	13.9	254	13.2
1964	2,032	403	19.8	359	17.7	341	16.8	330	16.2	326	16.0	323	15.9
1965	2,117	482	22.8	399	18.8	383	18.1	372	17.6	357	16.9	346	16.3
1966	2,133	463	21.7	416	19.5	383	18.0	371	17.4	356	16.7	347	16.3
1967	2,050	457	22.3	352	17.2	336	16.4	330	16.1	323	15.8	317	15.5
1968	2,150	402	18.7	359	16.7	345	16.0	336	15.6	327	15.2	322	15.0
1969	2,348	466	19.8	384	16.4	368	15.7	357	15.2	348	14.8	340	14.5
1970	2,507	442	17.6	405	16.2	390	15.6	385	15.4	371	14.8	365	14.6
Average	2,099	409	19.5	355	16.9	340	16.2	331	15.8	321	15.3	315	15.0

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-3 YEAR 1970

LOCATION U.S. 2 and 87 - 1.3 Miles West of Havre

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 61.9 % Foreign Pass Cars 5.9 % Pickups 22.5 % Commercial 9.7 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2,116	2,498	2,463	2,557	2,444	3,022	2,671	2,555	2,609	97.93	81.18
February	2,433	2,510	2,540	2,581	2,792	3,197	2,999	2,722	2,724	99.93	86.49
March	2,580	2,707	2,752	2,835	2,912	3,230	2,800	2,816	2,873	98.02	89.47
April	2,987	2,758	2,628	2,775	2,868	3,280	3,164	2,916	2,858	102.03	92.65
May	3,361	3,054	3,055	3,169	3,335	3,640	3,553	3,330	3,269	101.87	105.80
June	3,801	3,727	3,684	3,785	3,788	3,997	3,898	3,804	3,788	100.42	120.86
July	3,677	3,940	3,804	4,001	3,836	4,186	3,738	3,895	3,960	98.36	123.76
August	3,648	3,813	3,746	3,770	3,694	4,016	3,853	3,789	3,808	99.50	120.39
September	3,230	3,290	3,271	3,258	3,263	3,755	3,692	3,385	3,358	100.80	107.55
October	3,015	3,033	2,968	3,098	3,166	3,667	3,321	3,201	3,207	99.81	101.71
November	2,625	2,887	2,987	3,057	2,794	3,071	2,861	2,888	2,956	97.70	91.76
December	2,200	2,495	2,592	2,618	2,484	2,347	2,457	2,467	2,515	98.09	78.38
Daily average for year	2,973	3,059	3,041	3,125	3,115	3,451	3,251	3,147	3,160	99.59	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-3

ROUTE U.S. 2 East of Havre

TRAFFIC TYPE Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	863	167	19.4	134	15.5	124	14.3	118	13.7				
1961	2,248	340	15.1	255	11.3	238	10.6	230	10.2	227	10.1	224	10.0
1962	2,326	266	11.4	259	11.1	249	10.7	243	10.4	241	10.4	239	10.3
1963	2,408	410	17.0	268	11.1	254	10.5	248	10.3	244	10.1	240	10.0
1964	2,466	410	16.6	287	11.6	276	11.2	270	10.9	263	10.7	258	10.5
1965	2,586	363	14.0	293	11.3	281	10.9	275	10.6	272	10.5	269	10.4
1966	2,711	364	13.4	311	11.5	300	11.1	294	10.8	287	10.6	283	10.4
1967	2,661	350	13.2	314	11.8	299	11.2	292	11.0	288	10.8	282	10.6
1968	2,924	359	12.3	323	11.6	312	10.7	306	10.5	304	10.4	301	10.3
1969	3,221	400	12.4	376	11.7	361	11.2	351	10.9	346	10.7	342	10.6
1970	3,147	385	12.2	335	10.6	325	10.3	319	10.1	311	9.9	307	9.8
Average	2,506	347	13.8	287	11.5	274	10.9	268	10.7				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-4 YEAR 1970

LOCATION U.S. 10 and 12 - 1.5 Miles West of Miles City

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	699	718	792	690	661	805	795	739	733	100.82	66.89
February	843	785	837	736	823	935	870	833	823	101.21	75.40
March	910	798	848	818	875	987	963	882	861	102.44	79.84
April	972	886	843	861	942	1,078	1,001	938	920	101.96	84.91
May	1,388	1,166	1,128	1,088	1,130	1,269	1,224	1,208	1,161	104.05	109.35
June	1,444	1,386	1,387	1,348	1,365	1,439	1,401	1,395	1,385	100.72	126.27
July	1,463	1,501	1,584	1,485	1,534	1,673	1,351	1,518	1,556	97.56	137.41
August	1,419	1,443	1,574	1,539	1,584	1,634	1,454	1,513	1,549	97.68	136.95
September	1,157	1,197	1,257	1,226	1,271	1,405	1,276	1,255	1,268	98.97	113.60
October	1,112	1,046	1,079	1,071	1,139	1,222	1,152	1,122	1,118	100.36	101.56
November	935	972	1,083	1,029	944	1,056	936	989	1,012	97.73	89.52
December	743	831	931	832	845	920	927	865	875	98.86	78.30
Daily average for year	1,090	1,061	1,112	1,060	1,093	1,202	1,113	1,105	1,105	100.00	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-4

ROUTE U.S. 10 & 12 West of Miles City

TRAFFIC TYPE Primary Approach

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	1,520	232	15.3	207	13.6	191	12.6	187	12.3				
1961	1,771	328	18.5	215	12.1	201	11.3	193	10.9	190	10.7	187	10.6
1962	1,814	236	13.0	222	12.2	219	12.1	213	11.7	210	11.6	206	11.4
1963	1,320	194	14.7	159	12.0	148	11.2	143	10.8	140	10.6	139	10.5
1964	1,195	194	16.2	162	13.6	149	12.5	145	12.1	143	12.0	140	11.7
1965	1,137	248	21.8	142	12.5	131	11.5	125	11.0	123	10.8	120	10.6
1966	1,108	143	12.9	128	11.6	125	11.3	122	11.0	120	10.8	119	10.7
1967	1,099	151	13.7	130	11.8	124	11.3	121	11.0	119	10.8	117	10.6
1968	1,094	147	13.4	128	11.7	124	11.3	120	11.0	118	10.8	116	10.6
1969	1,055	143	13.6	129	12.2	124	11.8	119	11.3	114	10.8	113	10.7
1970	1,105	192	17.4	132	11.9	128	11.6	123	11.1	120	10.9	118	10.7
Average	1,293	201	15.5	159	12.3	151	11.7	146	11.3				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-5
LOCATION Montana 7 - 1.0 Mile South of Wibaux

YEAR 1970

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 41.6 % Foreign Pass Cars 7.7 % Pickups 29.0% Commercial 21.7 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	519	595	570	538	554	679	569	577	590	97.80	87.40
February	645	586	609	596	633	627	556	607	610	99.51	91.92
March	663	625	617	631	721	772	697	671	668	100.45	101.62
April *		COUNTER	NOT IN	OPERATION				660			99.95
May	766	663	730	696	693	709	664	703	697	100.86	106.46
June	1,087	747	701	797	776	820	920	828	764	108.38	125.40
July	874	665	684	692	736	757	757	739	713	103.65	111.91
August	825	793	778	751	862	803	704	787	797	98.75	119.18
September	680	667	680	657	651	735	672	677	677	100.00	102.52
October	660	617	545	556	582	665	660	614	596	103.02	92.98
November	471	506	535	539	497	560	575	524	526	99.62	79.35
December	477	539	526	563	571	544	525	537	549	97.81	81.32
Daily average for year								660			

* Counter Not In Operation - ADT Estimated 10

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-5

ROUTE Montana 7 - South of Wibaux

TRAFFIC TYPE Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	219	50	22.8	37	16.9	34	15.5	33	15.1				
1961	541	102	18.8	74	13.7	68	12.6	65	12.0	63	11.6	62	11.5
1962	582	118	20.2	77	13.2	68	11.7	66	11.3	65	11.2	63	11.0
1963	595	182	30.5	95	16.0	81	13.6	75	12.6	72	12.1	69	11.6
1964	604	182	30.1	120	19.9	93	15.4	85	14.1	79	13.1	75	12.4
1965	623	247	39.6	98	15.7	84	13.5	79	12.7	75	12.0	73	11.7
1966	647	127	19.6	84	13.0	77	11.9	73	11.3	70	10.8	68	10.5
1967	649	238	36.7	123	19.0	113	17.4	99	15.3	93	14.3	88	13.6
1968	667	133	19.9	99	14.8	85	12.7	81	12.1	77	11.5	74	11.1
1969	714	285	39.9	149	20.9	121	16.9	103	14.4	95	13.3	89	12.5
1970	660	245	37.1	114	17.3	98	14.8	87	13.2	80	12.1	77	11.7
Average	591	174	29.4	97	16.4	84	14.2	77	13.0				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-6 YEAR 1970
LOCATION FAS 288 - 0.5 Miles South of Manhattan

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 57.3 % Foreign Pass Cars 0.1 % Pickups 26.0 % Commercial 16.6 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	219	309	338	319	364	369	341	326	342	95.32	82.46
February	275	364	358	380	410	381	348	359	348	103.16	90.81
March	253	361	340	356	424	398	347	349	371	94.07	88.28
April	294	388	373	399	400	391	408	380	391	97.19	96.12
May	347	448	424	438	442	447	415	421	440	95.68	106.49
June	343	446	463	441	457	435	411	430	449	95.77	108.77
July	327	459	451	457	466	476	383	435	463	93.95	110.04
August	318	464	495	514	480	463	423	446	482	92.53	112.82
September	321	427	429	459	500	494	435	438	460	95.22	110.79
October	304	395	379	408	468	441	409	404	422	95.73	102.19
November	302	387	435	408	405	440	377	390	414	94.20	98.65
December	265	380	384	387	404	359	360	366	384	95.31	92.58
Daily average for year	297	402	406	414	435	425	388	395	414	95.41	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-6

ROUTE FAS 288 - So. of Manhattan

TRAFFIC TYPE Secondary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	255	90	35.3	50	19.6	44	17.3	42	16.5				
1961	328	144	43.9	64	19.5	51	15.5	47	14.3	45	13.7	43	13.1
1962	351	131	37.3	61	17.4	55	15.7	52	14.8	50	14.2	49	14.0
1963	369	133	36.0	79	21.4	71	19.2	65	17.6	62	16.8	59	16.0
1964	351	83	23.6	74	21.1	68	19.4	64	18.2	61	17.4	60	17.1
1965	375	168	44.8	61	16.3	56	14.9	53	14.1	51	13.6	50	13.3
1966	410	108	26.3	64	15.6	59	14.4	56	13.7	54	13.2	52	12.7
* 1967	412	94	22.8	58	14.1	56	13.6	53	12.9	52	12.6	50	12.1
** 1968	387	95	24.5	61	15.8	53	13.7	50	12.9	48	12.4	47	12.1
1969	376	72	19.1	56	14.9	52	13.8	51	13.6	49	13.0	48	12.8
1970	395	107	27.1	59	14.9	52	13.2	50	12.7	50	12.7	49	12.4
Average	364	111	30.5	62	17.0	56	15.4	53	14.6				

* ADT for 9 months - Counter out for last three months.

** ADT for 9 months - Counter out for first three months.

AUTOMATIC RECORDER DATA BY MONTHS

STATION - A-7
LOCATION U.S. 91 - 2.0 Miles North of Wolf Creek

YEAR 1970

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 58.2 % Foreign Pass Cars 12.8 % Pickups 15.3 % Commercial 13.7 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1,032	874	859	878	792	1,079	943	924	900	102.67	63.02
February	1,287	888	884	963	998	1,289	685	1,033	1,052	98.19	70.46
March	1,487	1,063	992	1,038	1,166	1,519	1,294	1,219	1,144	106.56	83.15
April	1,582	952	963	1,047	1,095	1,422	1,341	1,204	1,111	108.37	82.12
May	1,927	1,195	1,178	1,241	1,326	1,742	1,509	1,475	1,359	108.54	100.61
June	2,834	1,624	1,534	1,580	1,668	2,071	2,150	1,929	1,724	111.89	131.57
July *		COUNTER	NOT IN	OPERATION				2,010			137.10
August	2,470	1,834	1,741	1,799	1,776	2,167	2,259	2,024	1,862	108.70	138.06
September	2,076	1,762	1,478	1,455	1,514	1,920	1,958	1,719	1,611	106.70	117.25
October	1,808	1,364	1,184	1,307	1,418	1,774	1,644	1,513	1,430	105.80	103.20
November	1,656	1,231	1,205	1,362	1,208	1,606	1,420	1,391	1,322	105.22	94.88
December	1,269	1,073	1,081	1,127	1,165	1,183	1,186	1,152	1,126	102.31	78.58
Daily average for year								1,466			

* Counter Not In Operation - ADT Estimated

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-7

ROUTE I-15 North of Wolf Creek

TRAFFIC TYPE Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	534	129	24.2	108	20.2	97	18.2	93	17.4				
1961	1,096	176	16.1	157	14.3	148	13.5	143	13.0	139	12.7	136	12.4
1962		UNDER	CONSTRUCTION										
1963	1,107	199	17.9	173	15.7	165	14.9	160	14.5	154	13.9	150	13.5
1964	1,121	203	18.1	184	16.4	174	15.5	168	15.0	166	14.8	165	14.7
1965	1,188	209	17.6	184	15.5	172	14.5	165	13.9	160	13.5	155	13.0
1966	1,274	251	19.7	199	15.6	183	14.4	178	14.0	174	13.7	171	13.4
1967	1,173	218	18.6	187	15.9	175	14.9	168	14.3	164	14.0	159	13.6
1968	1,177	231	19.6	194	16.5	183	15.5	178	15.1	173	14.7	169	14.4
1969	1,307	325	24.9	222	17.0	211	16.1	203	15.5	195	14.9	191	14.6
1970	1,466	256	17.5	242	16.5	229	15.6	219	14.9	212	14.5	206	14.1
Average	1,144	220	19.2	185	16.2	174	15.2	168	14.7				

* ADT for 10 months - Counter being moved to new location.

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-8 YEAR 1970

LOCATION U.S. 93 - 0.5 Miles South of Ravalli

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 55.9 % Foreign Pass Cars 10.5 % Pickups 17.9 % Commercial 15.7 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1,398	1,347	1,307	1,453	1,544	1,752	1,466	1,478	1,496	98.80	56.06
February	2,115	1,666	1,631	1,629	1,849	1,931	1,949	1,824	1,741	104.77	69.18
March	2,325	1,842	1,760	1,834	2,040	2,351	2,281	2,053	1,950	105.28	77.87
April	2,698	1,953	1,925	1,895	2,001	2,465	2,570	2,198	2,039	107.80	83.37
May	3,544	2,252	2,144	2,212	2,416	3,016	3,071	2,718	2,437	111.53	103.09
June	4,067	3,133	2,956	2,923	3,085	3,683	3,515	3,318	3,146	105.47	125.85
July	5,313	4,108	3,730	3,654	3,924	4,575	4,460	4,232	4,005	105.67	160.51
August	4,639	3,688	3,671	3,659	3,815	4,226	4,188	4,017	3,828	104.94	152.36
September	3,316	3,058	2,696	2,619	2,809	3,237	3,326	2,985	2,863	104.26	113.32
October	2,933	2,256	2,183	2,365	2,481	2,950	3,033	2,621	2,471	106.07	99.41
November	2,413	2,011	2,114	2,400	2,195	2,404	2,144	2,238	2,214	101.08	84.88
December	1,777	2,070	1,956	1,935	2,017	1,988	1,959	1,958	1,990	98.39	74.26
Daily average for year	3,045	2,449	2,339	2,382	2,515	2,882	2,830	2,637	2,515	104.85	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-8

ROUTE U.S. 93 South of Ravalli

TRAFFIC TYPE Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	848	378	44.6	200	23.6	167	19.7	153	18.0				
1961	1,811	527	29.1	305	16.8	281	15.5	271	15.0	262	14.5	250	13.8
1962	1,845	422	22.9	314	17.0	296	16.0	284	15.4	271	14.7	263	14.3
1963	1,906	581	30.5	333	17.5	293	15.4	282	14.8	269	14.1	262	13.7
1964	2,033	581	28.6	376	18.5	343	16.9	328	16.1	319	15.7	308	15.2
1965	2,148	442	20.6	359	16.7	343	16.0	331	15.4	316	14.7	310	14.4
1966	2,268	436	19.2	372	16.4	348	15.3	336	14.8	325	14.3	317	14.0
1967	2,441	717	29.4	376	15.4	362	14.8	352	14.4	345	14.1	336	13.8
1968	2,464	466	18.9	403	16.4	377	15.3	358	14.5	351	14.2	343	13.9
1969	2,412	465	19.3	385	16.0	369	15.3	362	15.0	346	14.3	335	13.9
1970	2,637	489	18.5	431	16.3	398	15.1	385	14.6	373	14.1	367	13.9
Average	2,074	500	24.1	350	16.9	325	15.7	313	15.1				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-9 YEAR 1970

LOCATION I-15 - 7.0 Miles West of Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 61.3 % Foreign Pass Cars 9.5 % Pickups 19.1 % Commercial 10.1 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2,627	2,994	2,882	2,804	2,597	3,117	2,935	2,863	2,890	99.07	63.68
February	3,041	2,954	3,039	3,143	3,121	2,913	2,548	2,958	3,023	97.85	65.79
March	4,053	3,088	2,939	3,411	3,981	5,488	4,435	3,740	3,543	105.56	83.18
April	4,239	3,535	3,331	3,209	3,654	4,409	4,199	3,747	3,575	104.81	83.34
May	5,114	4,148	3,914	3,861	4,244	5,023	4,821	4,499	4,275	105.24	100.07
June	5,988	5,270	4,930	4,806	5,021	5,862	5,619	5,339	5,171	103.25	118.75
July	6,306	5,881	5,541	5,449	5,701	6,573	5,689	5,894	5,858	100.61	131.09
August	6,724	5,874	5,642	5,795	5,822	6,535	6,466	6,143	5,928	103.63	136.63
September	5,176	5,325	5,000	4,702	5,022	5,642	5,638	5,191	5,112	101.55	115.46
October	5,030	4,618	4,250	4,545	4,807	5,387	5,341	4,885	4,755	102.73	108.65
November	4,694	4,447	4,442	4,383	4,347	4,872	4,507	4,530	4,496	100.76	100.75
December	3,923	4,275	4,311	4,085	4,001	4,158	4,420	4,164	4,162	100.05	92.61
Daily average for year	4,743	4,367	4,185	4,183	4,360	4,998	4,710	4,496	4,399	102.21	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-9

ROUTE I-15 & U. S. 89
West of Great Falls

TRAFFIC TYPE Interstate - Primary

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	1,490	277	18.6	224	15.0	207	13.9	195	13.1				
1961	3,613	692	19.2	455	12.6	420	11.6	411	11.4	397	11.0	388	10.7
1962	4,092	800	19.6	490	12.0	474	11.6	454	11.1	442	11.1	436	10.7
1963	3,779	684	18.1	478	12.6	454	12.0	434	11.5	417	11.0	409	10.8
1964	3,526	684	19.4	532	15.1	478	13.6	456	12.9	448	12.7	434	12.3
1965	4,029	648	16.1	505	12.5	483	12.0	470	11.7	465	11.5	455	11.3
1966	4,149	704	17.0	542	13.1	524	12.6	493	11.9	484	11.7	473	11.4
1967	4,004	589	14.7	477	11.9	461	11.5	443	11.1	433	10.8	427	10.7
1968	4,104	543	13.2	491	12.0	471	11.5	462	11.3	455	11.1	451	11.0
1969	3,908	578	14.8	510	13.1	464	11.9	451	11.5	439	11.2	431	11.0
1970	4,496	596	13.3	554	12.3	540	12.0	512	11.4	505	11.2	492	10.9
Average	3,745	618	16.5	478	12.8	452	12.1	435	11.6				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-10 YEAR 1970

LOCATION U.S. 2 - 2.0 Miles East of Wolf Point

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 57.3 % Foreign Pass Cars 7.9 % Pickups 22.0 % Commercial 12.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	718	1,144	1,104	1,109	1,053	1,250	1,116	1,077	1,134	94.97	69.27
February	863	1,148	1,138	1,190	1,206	1,331	1,248	1,160	1,202	96.51	74.61
March	1,137	1,321	1,270	1,279	1,422	1,473	1,414	1,322	1,348	98.07	85.03
April	1,073	1,337	1,163	1,193	1,287	1,590	1,521	1,305	1,307	99.85	83.94
May	1,331	1,499	1,531	1,557	1,624	1,794	1,569	1,558	1,610	96.77	100.21
June	1,616	1,907	1,935	1,898	1,954	1,983	1,857	1,881	1,934	97.26	120.98
July	2,238	2,220	2,170	2,164	2,213	2,405	2,256	2,246	2,246	100.00	144.46
August	1,869	2,163	2,241	2,141	2,211	2,254	2,124	2,134	2,200	97.00	137.26
September	1,482	1,680	1,794	1,766	1,908	1,951	1,839	1,775	1,816	97.74	114.17
October	1,224	1,543	1,469	1,534	1,604	1,654	1,499	1,512	1,567	96.49	97.25
November	1,073	1,480	1,493	1,368	1,276	1,457	1,337	1,350	1,418	95.20	86.83
December	1,005	1,456	1,393	1,424	1,412	1,299	1,317	1,337	1,398	95.64	85.99
Daily average for year	1,302	1,575	1,558	1,552	1,598	1,703	1,591	1,555	1,598	97.31	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-10

ROUTE U.S. 2 East of Wolf Point

TRAFFIC TYPE Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	503	176	35.0	102	20.3	72	14.3	64	12.7				
1961	1,347	218	16.2	195	14.5	164	12.2	150	11.1	143	10.6	138	10.2
1962	1,453	295	20.3	178	12.3	167	11.5	163	11.2	161	11.1	157	10.8
1963	1,532	319	20.8	201	13.1	180	11.7	176	11.5	170	11.1	164	10.7
1964	1,546	319	20.6	229	14.8	209	13.5	194	12.5	181	11.7	177	11.4
1965	1,592	350	22.0	209	13.1	196	12.3	190	11.9	186	11.7	182	11.4
1966	1,706	290	17.0	211	12.4	204	12.0	197	11.5	192	11.3	189	11.1
1967	1,451	285	19.6	201	13.9	179	12.3	173	11.9	170	11.7	165	11.4
1968	1,485	270	18.2	190	12.8	182	12.3	175	11.8	172	11.6	171	11.5
* 1969	1,534	270	17.6	183	11.9	175	11.4	170	11.1	168	11.0	165	10.8
1970	1,555	217	14.0	200	12.9	192	12.3	187	12.0	185	11.9	180	11.6
Average	1,428	274	19.2	191	13.4	175	12.3	167	11.7				

* ADT for Eleven Months.

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-11 YEAR 1970

LOCATION I-90 - 6.0 Miles West of Billings

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 57.2 % Foreign Pass Cars 15.7 % Pickups 16.9 % Commercial 10.2 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	5,282	4,747	4,718	5,104	5,217	6,382	5,940	5,532	5,485	100.86	79.19
February	5,605	5,307	5,226	5,398	5,500	6,112	5,545	5,491	5,485	100.11	78.60
March	6,651	6,084	5,404	5,152	5,948	6,847	6,445	6,142	5,971	102.86	87.92
April	6,287	5,669	5,127	5,576	5,819	6,816	7,071	6,028	5,792	104.07	86.29
May	8,112	6,661	6,323	6,375	6,458	7,709	7,463	7,087	6,753	104.95	101.45
June	9,492	8,040	7,898	7,814	7,878	9,039	8,770	8,389	8,119	103.33	120.08
July	9,519	8,402	8,166	8,212	8,493	9,256	8,953	8,684	8,492	102.26	124.31
August	9,659	8,440	8,423	8,471	8,725	9,421	9,306	8,959	8,710	102.86	128.24
September	7,814	7,731	7,126	7,050	7,250	8,262	8,325	7,614	7,448	102.23	108.99
October	7,726	6,759	6,569	6,537	7,030	8,022	7,612	7,215	7,033	102.59	103.28
November	6,853	6,205	6,131	6,443	6,023	7,147	6,449	6,469	6,381	101.38	92.60
December	6,148	6,427	6,086	6,305	5,997	6,149	6,507	6,221	6,185	100.58	89.05
Daily average for year	7,429	6,706	6,433	6,503	6,695	7,597	7,366	6,986	6,821	102.42	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-11

ROUTE I-90 West of Billings

TRAFFIC TYPE Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	2,913	564	19.4	423	14.5	388	13.3	370	12.7				
1961		UNDER CONSTRUCTION											
1962	4,289	541	12.6	500	11.7	475	11.1	465	10.8	446	10.4	440	10.3
1963	4,699	571	12.2	532	11.3	516	11.0	502	10.7	493	10.5	498	10.6
1964	4,914	581	11.8	556	11.3	531	10.8	523	10.6	518	10.5	510	10.4
1965	5,226	758	14.5	612	11.7	586	11.2	572	10.9	565	10.8	540	10.3
1966	5,434	708	13.0	630	11.6	609	11.2	591	10.9	576	10.6	568	10.5
1967	6,013	742	12.3	691	11.5	674	11.2	654	10.9	641	10.7	629	10.5
1968	6,496	827	12.7	764	11.8	715	11.0	703	10.8	690	10.6	680	10.5
1969	6,996	952	13.6	779	11.1	747	10.7	734	10.5	709	10.1	698	10.0
1970	6,986	797	11.4	747	10.7	726	10.4	710	10.2	693	9.9	682	9.8
Average	5,397	704	13.0	623	11.5	597	11.1	582	10.8				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-12 YEAR 1970

LOCATION U.S. 87 and Montana 200 - 6.0 Miles West of Lewistown

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 57.6 % Foreign Pass Cars 14.2 % Pickups 24.1 % Commercial 14.2 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1,091	1,154	1,198	1,169	1,044	1,403	1,227	1,197	1,209	99.01	75.08
February	1,128	1,184	1,117	1,253	1,382	1,303	1,123	1,219	1,257	96.98	76.46
March	1,223	1,260	1,261	1,334	1,297	1,566	1,285	1,311	1,336	98.13	82.23
April	1,378	1,303	1,188	1,346	1,307	1,590	1,444	1,368	1,353	101.11	85.81
May	1,696	1,567	1,506	1,576	1,515	1,721	1,577	1,603	1,587	101.01	100.55
June	1,993	1,849	1,757	1,886	1,822	2,083	1,928	1,896	1,872	101.28	118.93
July	2,269	2,037	1,917	1,999	2,008	2,263	2,039	2,077	2,051	101.27	130.28
August	2,086	1,997	1,941	1,930	1,929	2,091	1,951	1,991	1,979	100.61	124.89
September	1,687	1,740	1,626	1,688	1,718	1,933	1,866	1,745	1,733	100.69	109.45
October	1,803	1,689	1,581	1,717	1,709	2,001	1,869	1,776	1,750	101.49	111.40
November	1,600	1,471	1,576	1,611	1,557	1,697	1,635	1,588	1,577	100.70	99.61
December	1,181	1,380	1,347	1,492	1,384	1,367	1,332	1,360	1,396	97.42	85.31
Daily average for year	1,595	1,553	1,485	1,583	1,556	1,752	1,606	1,594	1,592	100.13	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-12

ROUTE U.S. 87 & Montana 200
West of Lewistown

TRAFFIC TYPE Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	637	120	18.8	97	15.2	90	14.1	84	13.2				
1961	1,491	194	13.0	172	11.5	167	11.2	163	10.9	161	10.8	158	10.6
1962	1,778	235	13.2	218	12.3	210	11.8	205	11.5	202	11.5	198	11.1
1963	1,648	253	15.4	240	14.6	222	13.5	212	12.9	205	12.4	199	12.1
1964	1,466	240	16.4	225	15.3	213	14.5	207	14.1	200	13.6	196	13.4
1965	1,463	247	16.9	182	12.4	172	11.8	165	11.3	163	11.1	160	10.9
1966	1,446	214	14.8	187	12.9	172	11.9	168	11.6	162	11.2	159	11.0
1967	1,423	303	21.3	248	17.4	198	13.9	175	12.3	167	11.7	162	11.4
1968	1,618	305	18.9	212	13.1	199	12.3	192	11.9	189	11.7	187	11.6
1969	1,701	316	18.6	202	11.9	187	11.0	183	10.8	180	10.6	178	10.5
1970	1,594	332	20.8	195	12.2	185	11.6	179	11.2	172	10.8	170	10.7
Average	1,479	251	17.0	198	13.4	183	12.4	176	11.9				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-13 YEAR 1970

LOCATION U.S. 191 - 7.0 Miles North of Lewistown

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 53.1 % Foreign Pass Cars 3.7 % Pickups 32.9 % Commercial 10.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	600	914	862	934	718	922	766	818	870	94.03	75.37
February	838	862	897	989	987	1,108	903	941	969	97.11	86.71
March	749	862	863	1,020	958	1,151	902	919	961	95.63	84.68
April	937	994	911	974	910	1,153	989	981	988	99.29	90.39
May	1,190	1,025	1,030	1,083	1,091	1,258	1,074	1,114	1,105	100.81	102.65
June	1,323	1,224	1,176	1,230	1,228	1,325	1,236	1,245	1,233	100.97	114.72
July	1,369	1,208	1,207	1,318	1,223	1,416	1,291	1,293	1,280	101.02	119.14
August	1,271	1,229	1,133	1,272	1,171	1,279	1,185	1,221	1,217	100.33	112.51
September	1,087	1,153	1,126	1,156	1,102	1,280	1,204	1,157	1,161	99.66	106.61
October	1,253	1,125	1,124	1,255	1,177	1,363	1,241	1,224	1,214	100.82	112.79
November	1,062	1,094	1,178	1,184	1,085	1,212	1,074	1,124	1,148	97.91	103.57
December	832	1,040	1,005	1,071	932	1,036	982	986	1,014	97.24	90.86
Daily average for year	1,043	1,061	1,043	1,124	1,049	1,209	1,071	1,085	1,097	98.91	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-13

ROUTE U.S. 191 North of Lewistown

TRAFFIC TYPE Secondary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	407	111	27.3	83	20.4	67	16.5	63	15.5				
1961	1,239	212	17.1	172	13.9	166	13.4	162	13.1	158	12.8	156	12.6
1962	1,419	225	15.9	196	13.8	189	13.3	186	13.1	184	13.0	179	12.6
1963	1,274	233	18.3	195	15.3	180	14.1	168	13.2	159	12.5	153	12.0
1964	1,150	233	20.3	201	17.5	185	16.1	172	15.0	163	14.2	159	13.8
1965	1,134	203	17.9	161	14.2	145	12.8	140	12.3	138	12.2	135	11.9
1966	1,117	166	14.9	146	13.1	136	12.2	132	11.8	130	11.6	128	11.5
1967	1,096	172	15.7	147	13.4	139	12.7	135	12.3	132	12.0	130	11.9
1968	1,240	237	19.1	186	15.0	179	14.4	176	14.2	172	13.9	167	13.5
1969	1,103	174	15.8	145	13.1	136	12.3	133	12.1	129	11.7	126	11.4
1970	1,085	313	28.8	135	12.4	130	12.0	126	11.6	125	11.5	122	11.2
Average	1,115	207	18.6	161	14.4	150	13.5	145	13.0				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-14 YEAR 1970

LOCATION FAS 278 - 4.0 Miles Southwest of Dillon

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 52.7 % Foreign Pass Cars 5.2 % Pickups 28.8 % Commercial 13.3 %

Manth	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Manth Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Manday thru Friday		
January	334	289	247	257	279	298	364	298	277	107.58	74.01
February	344	263	270	252	263	305	298	285	271	105.17	70.78
March	349	271	278	266	286	351	349	306	289	105.88	75.99
April	367	281	239	254	297	340	343	301	281	107.12	74.75
May	475	362	351	373	380	407	415	398	376	105.85	98.84
June	561	445	444	429	466	506	441	469	457	102.63	116.47
July	683	470	467	483	492	512	601	527	486	108.44	130.88
August	630	490	482	499	496	509	523	521	495	105.25	129.39
September	560	521	421	452	456	472	535	485	462	104.98	120.45
October	465	428	406	436	439	480	518	456	440	103.64	113.24
November	579	407	432	441	376	453	427	448	421	106.41	111.26
December	438	332	341	301	327	302	332	338	322	104.97	83.94
Daily average for year	482	380	365	370	380	411	429	403	381	105.77	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-14

ROUTE FAS 278 Southwest of Dillon

TRAFFIC TYPE Secondary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	290	120	41.4	70	24.1	49	16.9	47	16.2				
1961	311	63	20.3	51	16.4	47	15.1	45	14.5	44	14.1	43	13.8
1962	303	279	92.1	142	46.9	53	17.5	48	15.8	47	15.5	45	14.8
1963	319	68	21.3	59	18.5	53	16.6	50	15.7	48	15.0	48	15.0
1964	314	70	22.3	61	19.4	57	18.2	54	17.2	52	16.6	51	16.2
1965	293	68	23.2	51	17.4	48	16.4	46	15.7	45	15.4	44	15.0
1966	299	61	20.4	50	16.7	48	16.1	47	15.7	45	15.1	44	14.7
1967	323	69	21.4	53	16.4	49	15.2	48	14.9	46	14.2	45	13.9
1968	369	82	22.2	59	16.0	57	15.4	53	14.4	51	13.8	51	13.8
1969	370	64	17.3	60	16.2	55	14.9	54	14.6	53	14.3	51	13.8
1970	403	108	26.8	73	18.1	65	16.1	63	15.6	60	14.9	57	14.1
Average	327	96	29.4	66	20.2	53	16.2	50	15.3				

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-15
LOCATION Montana 200 - 4.0 Miles Northeast of Bonner

YEAR 1970

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 47.4 % Foreign Pass Cars 9.4 % Pickups 20.7% Commercial 22.5 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1,138	945	968	954	1,013	1,269	1,040	1,052	1,040	101.15	61.54
February	1,541	1,194	1,190	1,149	1,276	1,259	1,174	1,254	1,213	103.38	73.36
March	1,419	1,415	1,162	1,215	1,247	1,391	1,177	1,293	1,286	100.54	75.64
April	1,639	1,017	1,001	1,034	1,093	1,366	1,344	1,210	1,108	109.21	70.79
May	2,719	1,383	1,419	1,391	1,598	1,919	1,966	1,812	1,560	116.15	106.01
June	2,966	1,883	1,819	1,858	1,985	2,499	2,591	2,204	1,994	110.53	128.94
July	3,661	2,319	2,101	2,117	2,325	2,846	2,893	2,592	2,353	110.16	151.64
August	3,479	2,211	2,133	2,132	2,190	2,566	2,759	2,527	2,245	112.56	147.84
September	2,364	2,010	1,719	1,616	1,724	2,070	2,047	1,918	1,813	105.79	112.21
October	2,269	1,554	1,473	1,601	1,648	2,077	1,921	1,801	1,688	106.69	105.36
November	2,090	1,381	1,389	1,593	1,351	1,752	1,625	1,612	1,495	107.83	94.30
December	1,518	1,305	1,217	1,191	1,203	1,162	1,112	1,237	1,210	102.23	72.37
Daily average for year	2,234	1,551	1,466	1,488	1,554	1,848	1,804	1,709	1,584	107.89	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-15

ROUTE Montana 200 Northeast of Bonner

TRAFFIC TYPE Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	292	160	54.7	119	40.7	111	38.0	102	34.9				
1961	1,231	311	25.3	213	17.3	201	16.3	188	17.3	184	14.9	179	14.5
1962	1,297	294	22.7	254	19.6	239	18.4	224	17.3	217	16.7	209	16.1
1963	1,263	277	21.9	251	19.6	241	19.1	230	18.2	223	17.7	220	17.4
1964	1,302	277	21.3	258	19.8	249	19.1	243	18.7	236	18.1	234	18.0
1965	1,539	326	21.2	289	18.8	273	17.7	261	17.0	253	16.4	245	15.9
1966	1,442	299	20.7	272	18.9	256	17.8	247	17.1	235	16.3	227	15.7
1967		OUT DUE	TO CONSTRUCTION										
* 1968	1,478	267	18.1	213	14.4	188	12.7	174	11.8	164	11.1	158	10.7
1969	1,650	358	21.7	327	19.8	294	17.8	280	17.0	268	16.2	256	15.5
1970	1,709	358	20.9	320	18.7	308	18.0	294	17.2	287	16.8	277	16.2
Average	1,320	293	22.2	252	19.1	236	17.9	224	17.0				

* Average for last three months only.

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-16 YEAR 1970

LOCATION U.S. 10 and 91 - 3.0 Miles West of Butte

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 61.3 % Foreign Pass Cars 10.4 % Pickups 14.6 % Commercial 13.7 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	4,296	4,063	4,141	4,198	4,218	4,901	4,526	4,339	4,304	100.81	64.71
February	5,734	4,800	4,757	4,756	4,893	5,433	5,199	5,081	4,928	103.10	75.77
March	5,062	4,940	4,840	5,020	5,273	6,039	5,539	5,216	5,192	100.46	77.79
April	6,060	5,254	4,935	5,198	5,364	6,183	6,206	5,579	5,377	115.42	83.20
May	7,598	6,089	5,994	6,074	6,294	6,837	6,979	6,590	6,257	105.32	98.28
June	9,740	8,422	8,526	8,422	8,687	9,005	9,259	8,855	8,621	102.71	132.06
July	10,140	9,143	8,966	8,937	9,417	10,078	9,971	9,530	9,347	101.96	142.13
August	9,952	9,187	9,523	9,437	9,306	9,866	9,812	9,590	9,451	101.47	143.02
September	7,864	7,123	7,164	6,953	7,367	8,133	8,075	7,506	7,337	102.30	111.94
October	7,219	6,211	6,049	6,220	6,499	7,485	7,227	6,737	6,538	103.04	100.47
November	6,515	5,561	5,857	5,801	5,477	6,576	6,171	5,997	5,840	102.69	89.43
December	5,230	5,861	5,327	5,332	5,254	5,365	5,855	5,445	5,412	100.61	81.20
Daily average for year	7,117	6,388	6,340	6,362	6,504	7,158	7,068	6,705	6,550	103.18	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-16

ROUTE I-90 & I-15 West of Butte

TRAFFIC TYPE Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	4,495	619	13.8	543	12.1	523	11.6	513	11.4	504	11.2	497	11.1
1962	4,906	680	13.9	612	12.5	587	12.0	580	11.8	574	11.7	564	11.5
1963	5,114	719	14.1	650	12.7	633	12.4	622	12.2	613	12.0	604	11.8
1964	5,252	822	15.7	671	12.8	657	12.5	648	12.3	637	12.1	632	12.0
1965	5,680	741	13.0	702	12.4	685	12.1	670	11.8	662	11.7	658	11.6
1966	6,057	838	13.8	745	12.3	715	11.8	702	11.6	696	11.5	692	11.4
1967	6,002	779	13.0	731	12.2	715	11.9	704	11.7	688	11.5	677	11.3
1968	6,253	1,122	17.9	731	11.7	706	11.3	686	11.0	680	10.9	677	10.8
1969	5,482	713	13.0	608	11.1	580	10.6	567	10.3	554	10.1	549	10.0
1970	6,705	911	13.6	842	12.6	818	12.2	799	11.9	784	11.7	777	11.6
Average	5,595	794	14.2	684	12.2	662	11.8	649	11.6	639	11.4	633	11.3

* Average for nine months - Last three months out due to construction.

** Average for three months - First nine months out due to construction.

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-17 YEAR 1970

LOCATION I-15 - 0.5 Miles North of Lima

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 37.2 % Foreign Pass Cars 28.3 % Pickups 16.2% Commercial 18.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	588	491	522	519	500	601	638	557	533	104.50	73.19
February	591	462	413	455	460	525	579	498	463	107.56	65.43
March	737	557	609	663	711	808	723	683	664	102.86	89.74
April	690	543	627	698	624	705	775	664	639	103.91	87.25
May	878	673	743	735	787	951	866	813	785	103.57	106.82
June	1,015	853	886	886	931	970	1,067	942	906	103.97	123.77
July	1,142	1,021	1,010	993	1,030	1,124	1,066	1,055	1,037	101.74	138.62
August	1,108	1,016	1,000	987	1,005	1,112	1,102	1,050	1,024	102.54	137.96
September	933	909	833	799	815	910	1,009	886	855	103.63	116.41
October	848	710	693	694	726	831	763	754	735	102.59	99.07
November	736	557	667	756	634	699	651	670	658	101.82	88.03
December	555	572	569	603	540	511	571	561	560	100.18	73.71
Daily average for year	818	697	714	732	730	812	818	761	738	103.12	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-17

ROUTE I-15 North of Lima

TRAFFIC TYPE Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	593	86	14.5	75	12.6	72	12.1	68	11.5	67	11.3	66	11.1
1962	567	170	29.9	83	14.6	74	13.1	71	12.5	69	12.2	67	11.8
1963	626	102	16.3	90	14.4	82	13.1	79	12.6	78	12.5	77	12.3
1964	643	123	19.1	95	14.8	86	13.8	85	13.6	83	12.9	81	12.6
1965	673	128	19.0	96	14.3	89	13.2	85	12.6	82	12.2	80	11.9
1966	744	181	24.3	102	13.7	98	13.2	93	12.5	91	12.2	89	12.0
1967	822	129	15.7	109	13.3	106	12.9	103	12.5	101	12.3	98	11.9
1968	660	120	18.2	102	15.5	92	13.9	90	13.6	87	13.2	85	12.9
1969	744	188	25.3	135	18.1	111	14.9	105	14.1	100	13.4	98	13.2
1970	761	138	18.1	110	14.5	100	13.1	99	13.0	97	12.7	94	12.4
Average	683	137	20.1	100	14.6	91	13.3	88	12.9	86	12.6	84	12.3

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-18 YEAR 1970

LOCATION U.S. 20 and 191 - 5.0 Miles West of West Yellowstone

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	429	405	407	425	421	508	637	468	436	107.34	36.05
February	573	448	432	413	460	536	589	493	458	107.64	37.97
March	752	488	395	417	459	573	686	539	464	116.16	41.52
April	560	465	426	478	465	549	542	496	476	104.20	38.21
May	1,292	705	791	779	829	989	1,209	963	827	116.44	74.18
June	3,094	2,153	2,295	2,202	2,177	2,413	2,804	2,433	2,246	108.33	187.41
July	3,598	2,879	2,980	3,050	3,079	3,424	4,015	3,298	3,121	105.67	254.03
August	3,218	2,694	2,907	2,978	2,913	2,963	3,312	3,005	2,881	104.30	231.46
September	2,178	1,635	1,537	1,507	1,676	1,747	2,129	1,756	1,611	109.00	135.26
October	1,086	838	912	909	922	1,052	1,008	964	932	103.43	74.25
November	673	518	579	571	536	604	608	585	559	104.65	45.06
December	693	572	584	639	518	472	625	579	551	105.08	44.60
Daily average for year	1,512	1,150	1,187	1,197	1,205	1,319	1,514	1,298	1,214	106.92	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-18

ROUTE U.S. 20 & 191 West of West Yellowstone

TRAFFIC TYPE Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962		UNDER	CONSTRUCTION										
1963	999	291	29.1	261	26.1	251	25.1	238	23.8	230	23.0	225	22.5
1964	1,110	401	36.1	334	30.1	322	29.0	310	27.9	304	27.4	297	26.8
1965	1,167	371	31.8	318	27.1	298	25.5	278	23.8	271	23.2	266	22.8
1966	1,161	379	32.6	217	27.3	299	25.8	284	24.5	274	23.6	266	22.9
1967	1,180	345	29.2	308	26.1	292	24.7	280	23.7	275	23.3	268	22.7
1968	1,233	318	25.8	302	24.5	285	23.1	277	22.5	269	21.8	264	21.4
1969	1,227	359	29.3	301	24.5	281	22.9	270	22.0	258	21.0	254	20.7
1970	1,298	366	28.2	309	23.8	296	22.8	289	22.3	284	21.9	278	21.4
Average	1,172	354	30.2	306	26.1	291	24.8	278	23.7	271	23.1	265	22.6

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-19 YEAR 1970

LOCATION U.S. 191 - 7.7 Miles North of West Yellowstone

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 22.8 % Foreign Pass Cars 44.2 % Pickups 20.5 % Commercial 12.5 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	450	437	466	468	460	565	475	478	484	98.76	42.52
February	560	527	470	459	514	579	540	516	502	102.79	45.91
March	782	581	454	515	548	628	705	604	545	110.83	53.73
April	676	484	478	551	498	605	579	554	527	105.12	49.28
May	1,170	725	771	800	826	959	1,128	928	823	112.76	82.56
June	2,028	1,555	1,596	1,706	1,640	1,793	1,934	1,744	1,658	105.19	155.15
July	2,848	2,565	2,640	2,486	2,504	2,652	2,875	2,645	2,570	102.92	235.30
August	2,621	2,367	2,641	2,637	2,554	2,570	2,569	2,561	2,545	100.63	227.83
September	1,478	1,441	1,401	1,437	1,541	1,569	1,597	1,490	1,472	101.22	132.55
October	931	746	795	826	826	880	895	845	818	103.30	75.17
November	608	538	630	649	501	609	606	590	583	101.20	52.49
December	658	508	510	548	487	480	559	534	508	105.12	47.51
Daily average for year	1,234	1,040	1,071	1,090	1,075	1,157	1,205	1,124	1,086	103.50	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-19

ROUTE U.S. 191 North of West Yellowstone

TRAFFIC TYPE Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	802	285	35.5	220	27.4	212	26.4	204	25.4	196	24.4	196	24.2
1962	1,041	325	31.2	295	28.3	280	26.9	273	26.2	269	26.2	265	25.5
1963	904	291	32.2	243	26.9	234	25.9	227	25.1	221	24.4	216	23.9
1964		UNDER	CONSTRUCTION										
1965		UNDER	CONSTRUCTION										
1966	1,036	326	31.5	266	25.7	247	23.8	239	23.1	235	22.7	230	22.2
1967	1,079	298	27.6	279	25.9	266	24.7	253	23.4	246	22.8	241	22.3
1968	1,104	273	24.7	247	22.4	239	21.6	233	21.1	230	20.8	226	20.5
1969	1,147	253	22.1	236	20.6	228	19.9	226	19.7	222	19.4	217	18.9
1970	1,124	275	24.5	248	22.1	243	21.6	237	21.1	232	20.6	227	20.2
Average	1,030	291	28.2	254	24.7	244	23.7	237	23.0	231	22.4	227	22.0

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-20 YEAR 1970

LOCATION U.S. 89 - 17.0 Miles North of Gardiner

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 32.3 % Foreign Pass Cars 38.3 % Pickups 22.9 % Commercial 6.5 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	298	203	201	201	200	273	282	238	217	109.68	35.74
February	450	230	208	256	264	319	348	296	255	116.08	44.44
March	355	243	219	244	268	348	336	289	265	109.06	43.39
April	408	260	223	243	281	333	396	303	267	113.48	45.49
May	896	543	493	485	521	629	789	636	537	118.44	95.49
June	1,337	1,094	1,156	1,092	1,095	1,152	1,229	1,162	1,118	103.94	174.48
July	1,663	1,599	1,604	1,569	1,590	1,624	1,575	1,603	1,597	100.38	240.69
August	1,566	1,468	1,594	1,651	1,606	1,568	1,544	1,565	1,570	99.68	234.99
September	925	764	841	776	902	954	949	868	843	102.97	130.33
October	478	376	384	413	454	461	519	445	422	105.45	66.82
November	355	308	280	289	281	333	356	316	298	106.04	47.45
December	267	297	274	286	252	243	284	271	270	100.37	40.69
Daily average for year	750	615	623	625	643	686	717	666	638	104.39	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-20

ROUTE U.S. 89 North of Gardiner

TRAFFIC TYPE Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961		UNDER CONSTRUCTION											
1962		UNDER CONSTRUCTION											
1963	496	141	28.4	116	23.4	114	23.0	111	22.4	109	22.0	107	21.6
1964	509	165	32.4	132	25.9	125	24.6	121	23.8	119	23.4	117	23.0
1965	564	160	28.4	140	24.8	133	23.6	128	22.7	125	22.2	124	22.0
1966	591	180	30.5	149	25.2	137	23.2	132	22.3	130	22.0	129	21.8
1967	622	162	26.0	139	22.3	133	21.4	131	21.1	128	20.6	127	20.4
1968	630	176	27.9	151	24.0	142	22.5	139	22.1	137	21.7	135	21.4
1969	609	252	41.4	165	27.1	138	22.7	134	22.0	129	21.2	128	21.0
1970	666	163	24.5	151	22.7	144	21.7	140	21.0	139	20.9	138	20.7
Average	586	175	29.9	143	24.4	133	22.7	130	22.2	127	21.7	126	21.5

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-21 YEAR 1970

LOCATION Montana Avenue in Helena

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	8,590	11,472	11,489	11,484	11,678	13,238	12,122	11,527	11,925	96.66	
February	9,880	12,224	12,235	12,248	12,545	12,995	12,670	12,114	12,450	97.30	
March	9,325	12,045	12,135	12,480	13,252	14,683	13,754	12,393	12,844	96.49	
April	10,264	12,519	12,486	12,671	13,304	14,208	13,579	12,737	13,033	97.73	
May	11,580	14,081	13,389	13,829	14,734	16,342	14,057	13,960	14,503	96.26	
June	12,271	15,020	14,773	15,127	15,549	16,444	15,305	14,925	15,338	97.31	
July	11,331	15,374	15,117	15,586	16,215	16,588	13,453	14,976	15,875	94.34	
August	11,858	15,269	14,939	15,045	15,766	16,482	14,624	14,764	15,489	95.32	
September	10,932	13,022	14,591	14,365	15,067	15,936	14,266	14,056	14,585	93.37	
October *		COUNTER	NOT IN	OPERATION				12,369			
November *		COUNTER	NOT IN	OPERATION				12,153			
December	10,190	13,884	13,866	13,778	13,882	11,995	13,336	13,068	13,522	96.64	
Daily average for year								13,254			

* COUNTER NOT IN OPERATION - ADT ESTIMATED

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-21

ROUTE U.S. 91 & 12 Bypass, Montana Avenue - Helena

TRAFFIC TYPE Primary - Urban

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	7,971	881	11.1	846	10.6	832	10.4	826	10.4	819	10.3	803	10.1
1962	8,263	979	11.8	899	10.9	867	10.5	861	10.4	848	10.3	841	10.2
1963	8,371	951	11.4	887	10.6	854	10.2	831	9.9	814	9.7	803	9.6
1964	9,664	1,145	11.5	1,060	11.0	1,022	10.6	1,010	10.5	995	10.3	986	10.2
1965	10,702	1,238	11.6	1,120	10.5	1,100	10.3	1,086	10.1	1,064	9.9	1,059	9.9
1966	10,858	1,209	11.1	1,160	10.7	1,127	10.4	1,111	10.2	1,102	10.1	1,092	10.1
1967	11,164	1,643	14.7	1,219	10.9	1,168	10.5	1,149	10.3	1,139	10.2	1,127	10.1
1968	11,954	1,483	12.4	1,292	10.8	1,272	10.6	1,257	10.5	1,244	10.4	1,232	10.3
1969	12,625	1,592	12.6	1,403	11.1	1,358	10.8	1,325	10.5	1,312	10.4	1,302	10.3
1970	13,254	1,531	11.6	1,411	10.6	1,386	10.5	1,367	10.3	1,353	10.2	1,344	10.1
Average	10,483	1,265	12.1	1,130	10.8	1,099	10.5	1,082	10.3	1,069	10.2	1,059	10.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-22 YEAR 1970

LOCATION Grand Avenue In Billings

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	12,131	17,639	17,062	17,119	16,327	20,014	19,834	17,312	17,681	97.91	87.91
February	14,180	18,614	18,036	18,001	18,809	20,166	21,458	18,466	18,725	98.62	93.77
March	13,748	18,994	18,637	18,836	19,756	22,044	22,081	18,960	19,577	96.85	96.28
April	14,885	19,403	17,469	18,903	19,825	21,792	22,540	19,267	19,468	98.97	97.84
May	15,691	20,644	19,998	19,652	20,646	23,484	21,820	20,282	21,009	96.54	102.99
June	15,099	21,832	21,512	21,160	21,398	22,984	21,647	20,862	21,768	95.84	105.94
July	14,231	20,920	20,355	20,823	21,166	22,452	18,223	19,907	21,187	93.96	101.09
August	14,667	21,334	20,310	19,946	20,497	22,296	20,563	19,844	20,906	94.92	100.77
September	14,771	19,460	20,753	20,672	21,073	23,680	22,827	20,479	21,090	97.10	103.99
October	14,881	19,951	19,533	20,183	20,895	23,557	23,069	20,509	20,951	97.89	104.15
November	14,102	19,696	20,319	19,665	17,845	21,853	20,550	18,997	19,867	95.62	96.47
December *		COUNTER	NOT IN	OPERATION				21,426	21,983	97.47	108.80
Daily average for year								19,693	20.351	96.77	

* COUNTER NOT IN OPERATION - ADT Estimated

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-22

ROUTE Grand Avenue-Billings

TRAFFIC TYPE Arterial City Street

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	12,955	1,750	13.5	1,591	12.3	1,541	11.9	1,506	11.6	1,490	11.5	1,470	11.3
1962	14,712	2,009	13.7	1,820	12.4	1,755	11.9	1,699	11.5	1,645	11.2	1,619	11.0
1963	14,779	2,189	14.8	1,759	11.9	1,707	11.6	1,642	11.1	1,610	11.0	1,596	10.8
1964		UNDER	CONSTRUCTION										
1965		UNDER	CONSTRUCTION										
1966	16,367	2,015	12.3	1,849	11.3	1,773	10.8	1,733	10.6	1,709	10.4	1,689	10.3
1967	16,966	2,114	12.5	1,933	11.4	1,864	11.0	1,822	10.7	1,795	10.6	1,783	10.5
1968	17,483	2,003	11.5	1,849	10.6	1,820	10.4	1,798	10.3	1,777	10.2	1,766	10.1
1969	18,421	2,107	11.4	1,972	10.7	1,939	10.5	1,913	10.4	1,888	10.2	1,879	10.2
1970	19,693	2,682	13.6	1,997	10.1	1,953	9.9	1,918	9.7	1,902	9.7	1,891	9.6
Average	16,797	2,109	12.6	1,846	11.0	1,794	10.7	1,754	10.4	1,727	10.3	1,712	10.2

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-23 YEAR 1970

LOCATION FAS 241 - 2.5 Miles North of Harlem

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 40.1 % Foreign Pass Cars 1.8 % Pickups 40.2 % Commercial 17.9 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	157	229	186	215	224	235	225	212	219	96.80	68.22
February	184	205	203	226	251	259	219	221	229	96.51	71.12
March	206	198	221	219	245	278	248	228	230	99.13	73.37
April	240	258	216	201	224	271	269	238	232	102.59	76.59
May	278	301	283	310	285	315	323	300	299	100.33	96.54
June	341	353	329	346	373	360	341	348	351	99.15	111.99
July	351	367	342	387	368	401	351	368	374	98.40	118.42
August	367	389	428	424	419	429	404	407	416	97.84	130.97
September	350	451	442	407	424	474	441	427	438	97.49	137.41
October	335	380	355	375	384	435	424	387	388	99.74	124.54
November	274	313	382	304	326	325	314	318	329	96.66	102.33
December	205	277	306	286	299	250	285	275	285	96.49	88.50
Daily average for year	274	310	308	308	319	336	320	311	316	98.42	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-23

ROUTE FAS 241 North of Harlem

TRAFFIC TYPE Secondary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	205	40	19.5	33	16.1	31	15.1	30	14.6	28	13.7	28	13.7
1962		UNDER CONSTRUCTION											
1963	244	44	18.0	38	15.6	34	13.9	32	13.1	31	12.7	30	12.3
1964		UNDER CONSTRUCTION											
1965	272	57	21.0	46	16.9	43	15.8	40	14.7	38	14.0	37	13.6
1966	270	48	17.8	39	14.4	38	14.1	37	13.7	36	13.3	36	13.3
1967	226	49	21.7	37	16.4	33	14.6	31	13.7	30	13.3	30	13.3
1968	298	111	37.2	99	33.2	95	31.9	90	30.2	87	29.2	85	28.5
1969	253	54	21.3	46	18.2	42	16.6	39	15.4	38	15.0	37	14.6
1970	311	77	24.8	54	17.4	48	15.4	47	15.1	45	14.5	45	14.5
Average	260	60	23.1	49	18.8	46	17.7	43	16.5	42	16.2	41	15.8

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-24 YEAR 1970

LOCATION U.S. 2 - 1.3 Miles West of Kalispell

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 61.9 % Foreign Pass Cars 3.9 % Pickups 25.4 % Commercial 8.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1,183	1,383	1,290	1,371	1,319	1,497	1,325	1,342	1,375	97.60	64.73
February	1,408	1,371	1,375	1,352	1,393	1,449	1,490	1,405	1,388	101.22	67.77
March	1,569	1,533	1,522	1,501	1,579	1,736	1,763	1,595	1,570	101.59	76.93
April	1,934	1,768	1,736	1,693	1,755	2,014	1,995	1,834	1,787	102.63	88.46
May	2,406	2,058	1,932	1,942	2,055	2,260	2,326	2,158	2,059	104.81	104.09
June	2,710	2,531	2,353	2,361	2,468	2,723	2,630	2,533	2,483	102.01	122.18
July	3,048	2,964	2,709	2,724	2,772	3,086	2,875	2,880	2,852	100.98	138.91
August	3,186	2,789	2,815	2,874	2,849	3,088	3,051	2,962	2,887	102.60	142.87
September	2,543	2,339	2,296	2,277	2,303	2,425	2,549	2,383	2,324	102.54	114.94
October	2,636	2,131	2,116	2,119	2,212	2,422	2,642	2,335	2,211	105.61	112.62
November	2,132	1,824	1,818	2,020	1,908	1,965	2,087	1,966	1,903	103.31	94.83
December	1,402	1,535	1,541	1,472	1,520	1,483	1,435	1,486	1,510	98.41	71.67
Daily average for year	2,180	2,019	1,959	1,976	2,011	2,179	2,181	2,073	2,029	102.17	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-24

ROUTE U.S. 2 West of Kalispell

TRAFFIC TYPE Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	1,454	219	15.1	190	13.1	184	12.7	180	12.4	176	12.1	174	11.9
1962	1,516	228	19.0	191	12.6	185	12.2	182	12.0	181	12.0	179	11.8
1963	1,561	214	13.7	199	12.7	191	12.2	184	11.8	183	11.7	180	11.5
1964	1,508	230	15.3	206	13.7	201	13.3	195	12.9	191	12.7	188	12.5
1965	1,662	223	13.4	209	12.6	202	12.2	199	12.0	196	11.8	193	11.6
1966	1,818	258	14.2	227	12.5	214	11.8	211	11.6	209	11.5	206	11.3
1967	1,992	270	13.6	243	12.2	234	11.7	230	11.5	226	11.3	224	11.2
1968	2,028	266	13.1	239	11.8	233	11.5	228	11.2	224	11.0	221	10.9
1969	1,955	336	17.2	244	12.5	235	12.0	227	11.6	224	11.5	220	11.3
1970	2,073	280	13.5	256	12.3	252	12.2	247	11.9	244	11.8	239	11.5
Average	1,757	252	14.3	220	12.5	213	12.1	208	11.8	205	11.7	202	11.5

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-25 YEAR 1970

LOCATION I 94 - 6.8 Miles East of Wibaux

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 22.6 % Foreign Pass Cars 41.2 % Pickups 13.9% Commercial 22.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	997	940	984	974	1,034	1,160	1,179	1,047	1,025	102.15	
February	1,199	1,043	1,078	1,103	1,160	1,196	1,186	1,138	1,116	101.97	
March	1,353	1,161	1,234	1,262	1,360	1,378	1,377	1,298	1,271	102.12	
April	1,321	1,117	1,141	1,181	1,320	1,373	1,390	1,262	1,229	102.69	
May	1,586	1,253	1,380	1,444	1,507	1,541	1,502	1,467	1,430	102.59	
June	2,485	2,020	2,048	2,044	2,080	2,216	2,405	2,175	2,077	104.72	
July	2,492	2,148	2,357	2,241	2,357	2,359	2,431	2,336	2,293	101.88	
August	2,750	2,342	2,662	2,755	2,704	2,946	2,788	2,701	2,668	101.24	
September	2,129	1,894	1,884	1,955	2,057	2,159	2,140	2,024	1,983	102.07	
October *		COUNTER	NOT IN	OPERATION				1,840			
November	1,100	1,093	1,202	1,266	1,052	1,176	1,182	1,152	1,158	99.48	
December	1,089	1,029	1,095	1,177	1,085	1,022	1,162	1,096	1,086	100.92	
Daily average for year								1,628			

* COUNTER NOT IN OPERATION - ADT ESTIMATED

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-25

ROUTE I-94 East of Wibaux

TRAFFIC TYPE Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	1,031	233	22.6	173	16.8	148	14.4	141	13.7	131	12.7	127	12.3
1962		UNDER CONSTRUCTION											
1963	1,211	243	20.1	150	12.4	140	11.6	136	11.2	133	11.0	130	10.7
1964		UNDER CONSTRUCTION											
1965	1,307	232	17.8	168	12.9	160	12.2	156	11.9	154	11.8	150	11.5
1966	1,369	230	16.8	182	13.3	175	12.8	171	12.5	167	12.2	164	12.0
1967	1,374	276	20.1	210	15.3	191	13.9	182	13.2	179	13.0	177	12.9
1968	1,573	283	18.0	249	15.8	231	14.7	223	14.2	217	13.8	211	13.4
1969	1,590	300	18.9	225	14.2	220	13.8	215	13.5	212	13.3	210	13.2
1970	1,628	269	16.5	239	14.7	228	14.0	222	13.6	214	13.1	210	12.9
Average	1,385	258	18.6	200	14.4	187	13.5	181	13.1	176	12.7	172	12.4

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-26 YEAR 1970

LOCATION U.S. 2 - 0.1 Mile East of Bainville

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 41.9 % Foreign Pass Cars 22.7 % Pickups 22.2 % Commercial 13.2 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	320	400	421	402	419	503	477	425	432	98.38	64.22
February	384	467	412	419	451	542	438	445	458	97.16	67.25
March	478	558	472	478	543	592	582	527	528	99.81	79.64
April	430	509	456	428	437	586	553	482	479	100.63	72.84
May	710	648	626	619	625	728	677	666	653	101.99	100.64
June	871	895	846	815	826	891	884	862	856	100.70	130.26
July	1,072	1,093	1,058	1,015	1,020	1,076	1,063	1,055	1,050	100.48	159.43
August	954	1,001	1,021	1,017	1,014	1,071	1,009	1,010	1,023	98.73	152.63
September	827	735	725	727	767	824	831	773	753	102.66	116.81
October	567	603	575	589	656	737	672	634	638	99.33	95.81
November	429	556	551	527	509	544	509	516	538	95.91	77.97
December	427	622	572	577	511	526	583	546	560	97.50	82.50
Daily average for year	622	674	645	634	648	718	690	662	664	99.70	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-26

ROUTE U.S. 2 East of Bainville

TRAFFIC TYPE Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	729	170	23.3	106	14.5	96	13.2	93	12.8	90	12.3	88	12.1
1962	784	177	22.6	128	16.3	124	15.8	120	15.3	118	15.1	117	14.9
1963	753	187	24.8	109	14.5	101	13.4	96	12.9	95	12.6	93	12.4
1964	753	187	24.8	117	15.5	104	13.8	101	13.4	99	13.1	96	12.9
1965	783	143	18.3	122	15.6	113	14.4	108	13.8	104	13.3	101	12.9
1966	733	139	19.0	109	14.9	97	13.2	93	12.7	91	12.4	90	12.3
1967	750	164	21.9	120	16.0	107	14.3	102	13.6	98	13.1	96	12.8
1968	716	124	17.3	105	14.7	101	14.1	97	13.5	95	13.3	92	12.8
1969	723	185	25.6	111	15.4	102	14.1	97	13.4	96	13.3	94	13.0
1970	662	239	36.1	103	15.6	93	14.0	91	13.7	89	13.4	88	13.3
Average	739	172	23.3	113	15.3	104	14.1	100	13.5	98	13.3	96	13.0

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-27 YEAR 1970

LOCATION U.S. 191 - 1.5 Miles South of Fred Robinson Bridge

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 52.8 % Foreign Pass Cars 6.3 % Pickups 17.1% Commercial 23.8 %

Month	Average Daily Number of Vehicles									Percent the Average Doy is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	208	180	183	181	158	241	190	192	190	101.05	64.88
February	233	206	196	210	228	281	207	223	224	99.55	75.36
March	272	230	194	219	264	306	219	242	240	100.83	81.78
April	303	238	210	224	235	291	243	250	241	103.73	84.48
May	428	263	264	279	278	376	325	322	296	108.78	108.81
June	425	323	269	320	321	400	348	341	324	105.25	115.24
July	418	329	278	287	313	373	293	327	317	103.15	110.51
August	414	375	357	320	334	439	342	366	361	101.39	123.68
September	407	383	299	293	285	391	418	350	327	107.03	118.28
October	449	317	307	297	354	436	388	367	347	105.76	124.02
November	377	284	330	341	298	358	305	328	320	102.50	110.84
December	228	235	234	265	265	243	222	243	249	97.59	82.12
Daily average for year	347	280	260	270	278	345	292	296	286	103.50	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-27

ROUTE U.S. 191 Robinson Bridge

TRAFFIC TYPE Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	202	126	62.4	71	35.1	50	24.8	44	21.8	40	19.8	38	18.8
1962	219	57	26.0	46	21.0	41	18.7	39	17.8	38	17.4	36	16.4
1963	251	95	37.8	54	21.5	43	17.1	42	16.7	40	15.9	39	15.5
1964	263	135	51.3	87	33.8	76	28.9	71	27.0	61	23.2	58	22.1
1965	244	68	27.9	51	20.9	45	18.4	43	17.6	41	16.8	40	16.4
1966	260	122	46.9	58	22.3	51	19.6	48	18.5	46	17.7	44	16.9
1967	272	72	26.5	55	20.2	48	17.6	46	16.9	44	16.2	42	15.4
1968	284	122	43.0	59	20.8	52	18.3	48	16.9	46	16.2	45	15.8
1969	288	103	35.8	63	21.9	57	19.8	53	18.4	50	17.4	47	16.3
1970	296	69	23.3	58	19.6	52	17.6	48	16.2	46	15.5	45	15.2
Average	258	97	37.6	60	23.3	52	20.2	48	18.6	45	17.4	43	16.7

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-28 YEAR 1970

LOCATION Interstate Frontage Road - 7.0 Miles West of Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	255	266	273	243	232	260	282	258	253	101.98	59.62
February	361	336	346	340	332	291	282	327	329	99.39	75.56
March	303	330	346	329	328	341	362	333	335	99.40	76.95
April	417	404	378	367	395	449	427	404	397	101.76	93.36
May	444	500	505	495	529	494	484	491	504	97.42	113.46
June	410	587	532	581	512	535	433	515	549	93.81	119.01
July	382	503	541	558	575	527	394	503	543	92.63	116.23
August	393	599	645	734	711	630	477	589	662	88.97	136.11
September	466	531	588	554	572	536	429	528	557	94.79	122.01
October	379	453	529	511	515	546	448	487	515	94.56	112.53
November	381	475	488	400	405	430	356	419	440	95.23	96.82
December	251	408	403	381	331	304	273	339	366	92.62	78.34
Daily average for year	370	449	465	458	453	445	387	433	454	95.37	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-28

ROUTE Vaughn - Interstate - Frontage

TRAFFIC TYPE Frontage Road

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	255	112	43.9	71	27.8	63	24.7	59	23.1	56	22.0	52	20.4
1962	241	55	22.8	44	18.2	41	17.0	39	16.2	37	15.4	36	14.9
1963	183	52	35.0	38	20.8	34	18.6	33	18.0	32	17.5	31	16.9
1964	170	54	31.8	42	24.7	37	21.8	35	20.6	34	20.0	33	19.4
1965	204	61	29.9	41	20.1	36	17.6	34	16.7	33	16.2	32	15.7
1966	255	111	43.5	43	16.9	41	16.1	39	15.3	38	14.9	37	14.5
1967	294	78	26.5	62	21.1	56	19.0	54	18.4	53	18.0	50	17.0
1968	347	97	28.0	65	18.7	60	17.3	54	15.6	53	15.3	51	14.7
1969	386	89	23.1	75	19.4	70	18.1	66	17.1	64	16.6	61	15.8
1970	433	88	20.3	74	17.1	70	16.2	67	15.5	66	15.2	64	14.8
Average	277	80	28.9	56	20.2	51	18.4	48	17.3	47	17.0	45	16.2

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-29
LOCATION Interstate Frontage Road - 6.0 Miles West of Billings

YEAR 1970

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 51.9 % Foreign Pass Cars 4.0 % Pickups 24.1 % Commercial 20.0 %

Month	Average Doily Number of Vehicles									Percent the Average Doy is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Doy of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1,345	1,533	1,441	1,441	1,359	1,546	1,557	1,463	1,463	100.00	92.87
February	1,547	1,425	1,358	1,316	1,455	1,589	1,527	1,459	1,428	102.17	92.61
March	1,203	1,421	1,277	1,389	1,395	1,467	1,497	1,371	1,386	98.92	87.03
April	1,311	1,384	1,265	1,362	1,496	1,586	1,678	1,439	1,419	101.41	91.35
May	1,638	1,648	1,573	1,589	1,532	1,737	1,649	1,629	1,622	100.43	103.41
June	1,771	1,617	1,617	1,597	1,625	1,715	1,645	1,653	1,633	101.22	104.93
July	1,724	1,615	1,630	1,641	1,635	1,810	1,647	1,670	1,665	100.30	106.01
August	1,738	1,704	1,719	1,647	1,657	1,718	1,605	1,684	1,690	99.64	106.90
September	1,467	1,615	1,526	1,700	1,709	1,852	1,685	1,648	1,674	98.45	104.61
October	1,638	1,639	1,600	1,626	1,719	1,848	1,719	1,691	1,695	99.76	107.34
November	1,429	1,596	1,611	1,636	1,458	1,727	1,550	1,568	1,605	97.69	99.53
December	1,454	1,726	1,692	1,712	1,600	1,597	1,589	1,629	1,666	97.78	103.41
Doily average for year	1,522	1,577	1,526	1,555	1,553	1,683	1,612	1,575	1,579	99.75	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-29

ROUTE Billings Interstate Frontage

TRAFFIC TYPE Frontage Road

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961		UNDER CONSTRUCTION											
1962	1,269	194	15.3	183	14.4	171	13.5	162	12.8	158	12.5	154	12.1
1963	1,500	279	18.6	221	14.7	211	14.1	203	13.5	196	13.1	193	12.9
1964	1,423	279	19.6	221	15.5	212	14.9	208	14.6	202	14.2	197	13.8
1965	1,153	205	17.8	149	12.9	136	11.8	133	11.5	131	11.4	128	11.1
1966	1,234	226	18.3	151	12.2	147	11.9	142	11.5	139	11.3	136	11.0
1967	1,165	201	17.2	146	12.5	136	11.7	132	11.3	130	11.2	128	11.0
1968	1,303	185	14.2	162	12.4	155	11.9	152	11.7	149	11.4	145	11.1
1969	1,382	281	20.3	223	16.1	213	15.4	200	14.5	192	13.9	185	13.4
1970	1,575	185	11.7	173	11.0	167	10.6	164	10.4	160	10.2	159	10.1
Average	1,334	226	16.9	181	13.6	172	12.9	166	12.4	162	12.1	158	11.8

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-30 YEAR 1970

LOCATION I-90 - 0.9 Mile West of Superior Interchange

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 29.7 % Foreign Pass Cars 36.7 % Pickups 18.6 % Commercial 15.0 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1,204	1,084	1,134	1,236	1,205	1,358	1,132	1,197	1,210	98.93	56.19
February	1,251	1,217	1,197	1,351	1,298	1,422	1,200	1,276	1,297	98.38	59.90
March	1,434	1,418	1,410	1,449	1,530	1,719	1,448	1,480	1,497	98.86	69.48
April	1,603	1,402	1,459	1,519	1,582	1,748	1,559	1,553	1,543	100.65	72.90
May	1,794	1,622	1,697	1,747	1,913	2,037	1,750	1,801	1,814	99.28	84.54
June	2,959	2,782	2,740	2,621	2,772	3,092	3,209	2,874	2,798	102.72	134.91
July	3,509	3,528	3,485	3,429	3,524	3,873	3,628	3,572	3,573	99.97	167.68
August	3,606	3,413	3,546	3,508	3,550	3,934	3,797	3,620	3,582	101.06	169.93
September	2,578	2,414	2,477	2,708	2,713	3,028	2,595	2,640	2,659	99.29	123.93
October	2,303	2,082	2,121	2,135	2,226	2,572	2,191	2,242	2,243	99.96	105.25
November	1,960	1,628	1,758	1,813	1,763	2,044	1,672	1,803	1,790	100.73	84.64
December	1,545	1,517	1,554	1,577	1,510	1,406	1,394	1,505	1,517	99.21	70.65
Daily average for year	2,146	2,009	2,048	2,091	2,132	2,353	2,131	2,130	2,127	100.14	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-30

ROUTE I-90 West of Superior

TRAFFIC TYPE Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961		UNDER CONSTRUCTION											
1962	1,487	362	24.3	320	21.5	307	20.6	302	30.3	297	20.0	292	19.6
1963	1,511	256	16.9	227	15.0	216	14.3	209	13.8	205	13.6	202	13.4
1964	1,643	315	19.2	244	14.9	236	14.5	231	14.1	223	13.6	220	13.4
1965	1,669	288	17.3	241	14.4	233	14.0	227	13.6	225	13.5	223	13.4
1966	1,822	313	17.2	272	14.9	257	14.1	253	13.9	249	13.7	243	13.3
1967	1,601	289	18.1	212	13.2	196	12.2	192	12.0	187	11.7	183	11.4
1968	1,854	300	16.2	261	14.1	247	13.3	242	13.1	238	12.8	233	12.6
1969	1,949	285	14.6	264	13.5	252	12.9	246	12.6	241	12.4	232	11.9
1970	2,130	332	15.6	306	14.4	293	13.8	288	13.5	284	13.3	281	13.2
Average	1,741	304	17.5	261	15.0	249	14.3	243	14.0	239	13.7	234	13.4

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-31 YEAR 1970

LOCATION I-94 - 7.8 Miles West of Miles City

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 41.4 % Foreign Pass Cars 23.5 % Pickups 17.3 % Commercial 17.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1,084	1,101	1,122	1,048	1,041	1,249	1,193	1,127	1,119	100.71	59.41
February	1,263	1,133	1,151	1,149	1,296	1,446	1,289	1,247	1,235	100.97	65.74
March	1,527	1,303	1,275	1,335	1,470	1,612	1,471	1,422	1,389	102.38	74.97
April	1,526	1,351	1,295	1,332	1,441	1,729	1,516	1,451	1,426	101.75	76.49
May	2,044	1,669	1,629	1,649	1,765	1,996	1,795	1,807	1,754	103.02	95.26
June	2,854	2,591	2,491	2,460	2,539	2,861	2,715	2,637	2,584	102.05	139.02
July	2,956	2,905	2,895	2,813	2,938	3,173	2,687	2,916	2,949	98.88	153.72
August	2,921	2,825	2,947	2,891	3,000	3,193	2,875	2,943	2,964	99.29	155.15
September	2,223	2,205	2,160	2,168	2,278	2,497	2,310	2,256	2,253	100.13	118.93
October	2,269	1,768	1,771	1,776	1,930	2,152	1,931	1,948	1,894	102.85	102.69
November	1,670	1,460	1,645	1,657	1,491	1,668	1,452	1,576	1,577	99.94	83.08
December	1,456	1,375	1,413	1,460	1,459	1,384	1,489	1,433	1,420	100.92	75.54
Daily average for year	1,983	1,807	1,816	1,812	1,887	2,080	1,894	1,897	1,880	100.90	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-31

ROUTE I-94 West of Miles City

TRAFFIC TYPE Interstate - Foreign and Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962													
1963	1,655	213	12.9	198	12.0	186	11.4	187	11.3	184	11.1	183	11.0
1964	1,643	256	15.6	210	12.8	203	12.4	199	12.1	196	11.9	193	11.7
1965	1,652	261	15.8	210	12.7	202	12.2	197	11.9	193	11.7	190	11.5
1966	1,739	251	14.4	220	12.7	213	12.2	207	11.9	203	11.7	201	11.6
1967	1,766	245	13.9	233	13.2	217	12.3	212	12.0	210	11.9	207	11.7
1968	1,802	267	14.8	234	13.0	227	12.6	222	12.3	215	11.9	212	11.8
1969	1,788	299	16.7	234	13.1	228	12.8	222	12.4	218	12.2	216	12.1
1970	1,897	268	14.1	251	13.2	244	12.9	239	12.6	234	12.3	232	12.2
Average	1,743	258	14.8	224	12.9	215	12.3	211	12.1	207	11.9	204	11.7

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-32 YEAR 1970

LOCATION On 25th Street North between 4th and 5th Avenue - Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Mantana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Doy is of the Average Weekday	Percent the Manth Daily Average is af the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
Jonuary	3,313	4,948	4,916	4,905	5,069	5,411	5,111	4,530	5,055	89.61	
February	4,712	5,753	5,416	5,360	5,661	5,841	5,428	4,789	5,619	85.23	
March	3,910	4,871	5,540	5,736	6,001	6,280	5,887	4,766	5,744	83.97	
April	4,040	5,219	4,252	4,155	4,736	5,711	5,483	5,319	4,786	111.14	
May	4,504	5,546	5,597	5,589	5,996	6,418	5,932	5,444	5,840	93.22	
June		COUNTER NOT IN OPERATION						5,665			
July	3,591	4,497	4,707	4,677	4,950	4,765	4,194	5,722	4,729	121.00	
August	2,595	3,472	3,583	3,471	3,586	3,603	3,398	5,791	3,539	163.63	
September	4,030	5,294	6,014	5,968	5,754	6,093	5,600	5,351	5,825	91.86	
October	3,843	5,472	5,199	5,204	5,852	6,109	5,777	5,405	5,605	96.43	
November	3,505	5,351	5,425	5,180	4,889	5,574	5,117	4,967	5,287	93.95	
December	3,967	5,490	5,512	5,314	5,653	5,075	5,375	5,227	5,420	96.44	
Daily average far year								5,248*			

* ADT Estimated - Counter not working properly first nine months.

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-32

ROUTE 25th Street N. in Great Falls

TRAFFIC TYPE City Arterial

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962													
1963	4,767	659	13.8	579	12.1	559	11.7	546	11.5	543	11.4	535	11.2
1964	4,883	717	14.7	621	12.7	572	11.7	563	11.5	559	11.4	552	11.3
1965	5,314	725	13.6	598	11.3	584	11.0	573	10.8	567	10.7	560	10.5
1966	4,960	716	14.4	575	11.6	546	11.0	534	10.8	529	10.7	526	10.6
1967	4,883	635	13.0	553	11.3	538	11.0	528	10.8	521	10.7	514	10.5
1968	5,002	653	13.1	589	11.8	564	11.3	557	11.0	543	10.9	529	10.6
1969	5,783	694	12.0	672	11.6	659	11.4	642	11.1	633	10.9	624	10.8
1970	5,248	676	12.9	633	12.1	602	11.5	584	11.1	569	10.8	561	10.7
Average	5,105	684	13.4	603	11.8	578	11.3	565	11.1	558	10.9	550	10.8

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-33 YEAR 1970

LOCATION On 10th Avenue South Between 9th and 10th Street - Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cors_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
Jonuary	13,874	19,795	18,352	17,777	16,869	22,089	19,885	18,437	18,937	97.36	78.42
February	17,980	22,790	20,692	21,095	22,181	23,547	23,146	21,606	22,023	98.11	91.89
March	18,065	22,991	22,601	22,902	23,828	26,749	24,383	22,895	23,721	96.52	97.38
April	19,274	22,783	21,358	22,814	23,816	25,792	23,883	22,952	23,451	97.87	97.62
May	20,282	24,760	23,904	24,012	25,660	28,271	24,884	24,458	25,351	96.48	104.02
June	20,536	27,223	26,153	26,158	27,075	28,582	25,882	25,994	27,006	96.25	110.56
July	19,945	27,157	26,397	26,647	27,850	28,930	22,646	25,857	27,443	94.22	109.97
August	21,465	27,237	26,250	26,071	26,770	28,473	26,824	26,061	26,973	96.62	110.84
September	19,294	23,479	25,196	24,788	25,820	27,690	25,611	24,583	25,358	96.94	104.56
October	18,478	23,974	22,740	23,359	24,931	27,349	24,800	23,858	24,622	96.90	101.47
November	17,776	23,576	23,428	22,936	24,329	25,964	23,830	22,854	23,877	95.72	97.20
December	17,494	24,410	23,697	23,142	23,572	22,109	23,033	22,588	23,397	96.54	96.07
Daily average for year	18,705	24,181	23,397	23,475	24,392	26,954	24,067	23,512	24,347	96.57	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-33

ROUTE 10th Ave. South in Great Falls

TRAFFIC TYPE Primary - Urban

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962													
1963													
1964													
1965	23,096	2,488	10.8	2,375	10.3	2,296	9.9	2,248	9.7	2,211	9.6	2,185	9.5
1966	22,752	2,296	10.1	2,199	9.7	2,174	9.6	2,123	9.3	2,100	9.2	2,074	9.1
1967	22,079	2,365	10.7	2,233	10.1	2,181	9.9	2,154	9.8	2,138	9.7	2,107	9.5
1968	22,172	2,370	10.7	2,195	9.9	2,096	9.5	2,073	9.4	2,066	9.3	2,055	9.3
1969	23,172	2,593	11.2	2,373	10.2	2,318	10.0	2,289	9.9	2,268	9.8	2,248	9.7
1970	23,512	2,435	10.4	2,304	9.8	2,270	9.7	2,250	9.6	2,228	9.5	2,208	9.4
Average	22,797	2,425	10.6	2,280	10.0	2,223	9.8	2,190	9.6	2,169	9.5	2,146	9.4

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-34 YEAR 1970

LOCATION U.S. 12 - 0.6 Miles West of Ingomar

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 39.2 % Foreign Pass Cars 17.7 % Pickups 20.9 % Commercial 22.2 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	105	145	166	136	102	146	122	131	138	94.93	55.27
February	159	147	151	144	183	185	146	159	162	98.15	67.09
March	165	165	161	159	183	207	150	169	174	97.13	71.31
April	205	194	173	172	168	224	167	186	186	100.00	78.48
May	286	217	219	219	242	265	230	242	234	103.42	102.11
June	346	299	268	281	296	341	325	306	296	103.38	129.11
July	323	305	326	291	323	366	308	323	325	99.38	136.29
August	320	309	322	330	374	376	313	333	341	97.65	140.51
September	280	312	295	296	312	328	306	304	308	98.70	128.27
October	341	285	251	270	291	334	337	303	288	105.21	127.85
November	235	199	211	215	190	216	222	212	205	103.41	89.45
December	165	166	186	189	192	177	153	176	183	96.17	74.26
Daily average for year	244	229	227	225	238	264	232	237	237	100.00	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-34

ROUTE U.S. 12 West of Ingomar

TRAFFIC TYPE Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962													
1963													
1964													
1965	299	63	21.1	53	17.7	50	16.7	48	16.1	47	15.7	45	15.1
1966	306	70	22.9	54	17.6	52	17.0	48	15.7	47	15.4	45	14.7
1967	252	58	23.0	44	17.5	41	16.3	38	15.1	38	15.1	37	14.7
1968	257	67	26.1	52	20.2	47	18.3	44	17.1	42	16.3	41	16.0
1969	242	50	20.7	42	17.4	40	16.5	39	16.1	38	15.7	36	14.9
1970	237	47	19.8	41	17.3	38	16.0	37	15.6	36	15.2	35	14.8
Average	266	59	22.2	48	18.0	45	16.9	42	15.8	41	15.4	40	15.0

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-35 YEAR 1970

LOCATION I-90 Frontage Road - 11.0 Miles East of Missoula

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	260	246	278	249	270	287	313	274	267	102.62	84.07
February	294	296	300	284	295	298	295	295	295	100.00	90.51
March	304	288	286	305	304	309	337	303	297	102.02	92.97
April	368	322	294	317	316	336	356	329	317	103.79	100.95
May	364	339	299	319	325	356	398	346	329	105.17	106.16
June	314	338	344	351	351	349	368	345	346	99.71	105.85
July	380	335	366	362	385	380	373	369	367	100.54	113.22
August	354	345	326	332	345	374	363	349	344	101.45	107.08
September	358	327	325	342	313	344	357	338	331	102.11	103.71
October	334	320	337	325	321	354	368	338	332	101.81	103.71
November	316	326	316	309	312	342	335	322	321	100.31	98.80
December	304	303	304	303	299	298	312	303	302	100.33	92.97
Daily average for year	329	315	315	317	320	336	348	326	320	101.88	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-35

ROUTE Turah Interstate Frontage

TRAFFIC TYPE Frontage Road

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962													
1963													
1964													
1965	166	41	24.7	31	18.7	28	16.9	27	16.3	26	15.7	25	15.1
1966	214	45	21.0	34	15.9	32	15.0	31	14.5	29	13.6	29	13.6
1967	266	54	20.3	40	15.0	38	14.3	37	13.9	36	13.5	36	13.5
1968	288	82	28.5	46	16.0	40	13.9	39	13.5	37	12.8	36	12.5
1969	296	52	17.6	42	14.2	41	13.9	40	13.5	39	13.2	38	12.8
1970	326	52	16.0	44	13.5	42	12.9	41	12.6	40	12.3	39	12.0
Average	259	54	20.8	40	15.4	37	14.3	36	13.9	35	13.5	34	13.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-36 YEAR 1970

LOCATION U.S. 2 - 0.5 Miles West of Browning

FACTORS INFLUENCING THE TRAFFIC PATTERN

Mantana Pass Cars 53.1 % Foreign Pass Cars 12.0 % Pickups 21.7 % Commercial 13.2 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	493	450	428	404	502	562	509	486	480	101.25	45.43
February	854	542	563	504	517	563	598	590	536	110.07	55.15
March	704	560	535	537	617	741	668	621	593	104.72	58.05
April	1,071	585	505	611	663	784	795	711	630	112.86	66.46
May	1,476	877	947	954	982	1,135	1,060	1,082	993	108.96	101.15
June	1,876	1,408	1,329	1,351	1,345	1,380	1,579	1,459	1,362	107.12	136.39
July	2,621	2,120	2,005	2,065	2,154	2,370	2,218	2,205	2,130	103.52	206.12
August	2,053	1,496	1,844	1,774	1,706	1,934	1,774	1,796	1,740	103.22	167.89
September	1,543	1,496	1,218	1,209	1,212	1,401	1,387	1,346	1,303	103.30	125.82
October	1,298	1,023	974	984	1,001	1,149	1,196	1,098	1,040	105.58	102.64
Navember	925	739	782	778	728	771	756	789	758	104.09	73.76
December	794	636	646	650	648	564	646	654	631	103.65	61.14
Daily average far year	1,309	994	981	985	1,006	1,113	1,099	1,070	1,016	105.31	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-36

ROUTE U.S. 2 West of Browning

TRAFFIC TYPE Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962													
1963													
1964													
1965													
1966	904	231	25.6	193	21.3	174	19.2	168	18.6	165	18.3	161	17.8
1967	967	232	24.0	198	20.5	185	19.1	179	18.5	174	18.0	169	17.5
1968	999	360	36.0	293	29.3	227	22.7	202	20.2	196	19.6	186	18.6
1969	989	361	36.5	269	27.2	222	22.4	199	20.1	185	18.7	171	17.3
1970	1,070	317	29.6	254	23.7	221	20.7	201	18.8	195	18.2	187	17.5
Average	986	300	30.4	241	24.4	206	20.9	190	19.3	183	18.6	175	17.7

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-37 YEAR 1970

LOCATION South of Orange Street Bridge - Missoula

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	6,682	11,628	11,379	11,324	10,596	12,557	10,179	10,668	11,504	92.73	86.95
February	7,607	12,036	11,908	11,792	12,116	13,679	11,436	11,510	12,306	93.53	93.82
March	7,744	12,941	12,230	12,323	13,348	14,105	11,550	11,932	12,953	92.12	97.26
April	8,225	13,036	12,603	12,625	12,586	14,228	11,914	12,230	13,016	93.96	99.68
May	8,585	13,514	13,018	13,111	13,711	15,291	11,843	12,645	13,803	91.61	103.07
June	8,513	14,232	13,798	13,725	13,808	15,074	11,867	13,070	14,117	92.58	106.53
July	8,182	14,576	13,504	13,804	13,935	14,399	10,006	12,785	14,069	90.87	104.21
August	8,254	13,995	13,366	13,470	13,562	14,447	11,285	12,486	13,779	90.61	101.77
September	8,388	12,373	13,538	13,370	13,543	14,654	12,170	12,635	13,492	93.65	102.98
October	8,382	13,574	13,276	13,421	13,854	15,304	12,369	12,976	13,949	93.02	105.76
November	8,297	13,427	13,034	12,876	11,320	14,044	11,288	11,962	12,963	92.28	97.50
December	8,115	13,732	13,112	13,114	13,346	12,487	11,737	12,327	13,162	93.66	100.47
Daily average for year	8,081	13,255	12,897	12,913	12,977	14,189	11,470	12,269	13,259	92.53	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-37

ROUTE Orange Street Bridge-Missoula

TRAFFIC TYPE Urban & City Street

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962													
1963													
1964													
1965													
1966	11,701	1,418	12.1	1,347	11.5	1,318	11.3	1,296	11.1	1,273	10.9	1,259	10.8
1967	11,519	1,351	11.7	1,225	10.6	1,198	10.4	1,178	10.2	1,170	10.2	1,159	10.1
1968	11,609	1,355	11.7	1,274	11.0	1,233	10.6	1,207	10.4	1,198	10.3	1,179	10.2
1969	11,546	1,306	11.3	1,244	10.8	1,217	10.5	1,200	10.4	1,190	10.3	1,180	10.2
1970	12,269	1,418	11.6	1,297	10.6	1,275	10.4	1,251	10.2	1,243	10.1	1,231	10.0
Average	11,729	1,370	11.7	1,277	10.9	1,248	10.6	1,226	10.5	1,215	10.4	1,202	10.2

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-38 YEAR 1970

LOCATION Montana 20 - 1.0 Mile West of Jordan

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 42.6 % Foreign Pass Cars 8.9 % Pickups 33.6 % Commercial 14.9 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	198	251	244	271	230	305	225	247	261	94.64	67.78
February	215	256	241	274	254	312	225	255	269	94.80	69.97
March	276	315	280	293	327	369	265	302	315	95.87	82.87
April	270	272	275	294	269	350	278	288	293	98.29	79.03
May	326	323	327	312	349	406	314	336	343	97.96	92.20
June	503	479	457	532	524	566	508	507	507	100.00	139.13
July	591	552	501	511	518	587	516	539	535	100.75	147.91
August	525	517	488	521	532	559	492	517	521	99.23	141.87
September	375	422	395	370	415	511	422	416	422	98.58	114.16
October	455	382	296	359	376	467	482	406	380	106.84	111.41
November	335	301	298	313	269	323	268	302	301	100.33	82.87
December	237	262	265	274	277	268	214	258	270	95.56	70.80
Daily average for year	359	361	339	360	362	419	351	364	368	98.91	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-38

ROUTE Mont. 20 West of Jordan

TRAFFIC TYPE Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962													
1963													
1964													
1965													
1966													
1967	330	76	23.0	61	18.5	59	17.9	55	16.7	53	16.1	51	15.5
1968	370	79	21.4	61	16.5	58	15.7	55	14.9	53	14.3	52	14.1
1969	400	74	18.5	65	16.3	62	15.5	59	14.8	57	14.3	56	14.0
1970	364	82	22.5	58	15.9	55	15.1	54	14.8	52	14.3	52	14.3
Average	366	78	21.3	61	16.7	59	16.1	56	15.3	54	14.8	53	14.5

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-39 YEAR 1970

LOCATION U.S. 89 - 0.5 Mile North of Dupuyer

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 26.0 % Foreign Pass Cars 34.4 % Pickups 24.0 % Commercial 15.6 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
Jonuory	148	170	172	157	169	196	191	173	174	99.43	37.86
February	209	191	177	205	274	159	153	181	181	100.00	39.61
March	189	185	171	164	212	231	197	192	191	100.52	42.02
April	274	208	140	179	181	243	248	207	188	110.11	45.30
May	535	342	347	357	360	400	439	403	363	111.02	88.20
June	954	642	672	645	639	671	738	705	654	107.80	154.30
July	1,297	1,046	1,075	1,077	1,062	1,090	1,133	1,108	1,071	103.45	242.50
August	1,169	1,000	1,058	1,115	1,017	1,036	1,096	1,072	1,043	102.78	234.62
September	698	582	526	499	591	574	611	576	548	105.11	126.06
October	465	314	282	327	357	398	430	370	339	109.14	80.98
November	357	225	282	281	263	254	271	277	259	106.95	60.62
December	238	213	209	216	215	215	229	219	214	102.34	47.93
Doily average for yeor	544	427	426	435	437	456	478	457	435	105.06	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-39

ROUTE U.S. 89 North of Dupuyer

TRAFFIC TYPE Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962													
1963													
1964													
1965													
1966													
1967	443	211	47.6	126	28.4	113	25.5	108	24.4	106	23.9	103	23.3
1968	428	133	31.1	111	25.9	107	15.0	103	24.1	101	23.6	100	23.4
1969	437	135	30.9	118	27.0	113	15.9	109	24.9	106	24.3	104	23.8
1970	457	142	31.1	123	26.9	119	26.0	116	25.4	113	24.7	112	24.5
Average	441	155	35.1	120	27.2	113	25.6	109	24.7	107	24.3	105	23.8

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-40 YEAR 1970

LOCATION Wolf Creek Frontage Road

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	60	39	36	34	41	45	67	47	39	120.51	
February	163	67	57	55	57	50	90	77	57	135.09	
March	99	79	68	80	76	72	94	81	75	108.00	
April	229	88	74	59	71	83	151	105	74	141.89	
May	335	105	106	104	112	120	261	171	110	155.45	
June	450	166	149	172	188	194	373	236	172	137.21	
July *			COUNTER	NOT IN	OPERATION			199			
August *			COUNTER	NOT IN	OPERATION			188			
September	127	105	122	112	143	89	105	114	113	100.88	
October	259	150	120	150	139	127	318	182	137	132.84	
November	160	89	81	105	82	92	122	106	89	119.10	
December	84	78	70	72	68	65	56	70	70	100.00	
Daily average for year								131			

* Counter Not in Operation - ADT estimated.

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-40

ROUTE Wolf Creek - Frontage Road

TRAFFIC TYPE Frontage Road

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962													
1963													
1964													
1965													
1966													
1967													
1968	110	55	50.0	42	38.2	39	35.5	36	32.7	34	30.9	32	29.1
1969	122	71	58.2	45	36.9	39	32.0	37	30.3	35	28.7	34	27.9
1970	131	73	55.7	52	39.7	44	33.6	41	31.3	39	29.8	35	26.7
Average	121	66	54.5	46	38.0	41	33.9	38	31.4	36	29.8	34	28.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-41 YEAR 1970

LOCATION I 90 East of Livingston

FACTORS INFLUENCING THE TRAFFIC PATTERN

Mantana Pass Cars 44.1 % Foreign Pass Cars 20.9 % Pickups 18.2 % Commercial 16.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Manth Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1,829	1,306	1,338	1,338	1,357	1,867	1,745	1,551	1,457	106.45	57.29
February	2,213	1,741	1,601	1,585	1,704	2,129	1,837	1,830	1,752	104.45	67.60
March	2,431	1,874	1,672	1,812	2,125	2,576	2,384	2,112	1,990	106.13	78.02
April	2,480	1,804	1,688	1,872	1,977	2,491	2,333	2,081	1,963	106.01	76.87
May	3,227	2,168	2,151	2,186	2,360	3,065	2,743	2,601	2,418	107.57	96.08
June	4,683	3,438	3,419	3,363	3,451	4,121	4,206	3,786	3,547	106.74	139.85
July	4,546	3,832	3,720	3,799	3,991	4,505	3,962	4,055	3,986	101.73	149.79
August	4,523	3,933	4,014	3,905	4,097	4,519	4,486	4,226	4,094	103.22	156.10
September	4,237	2,738	2,748	2,765	3,057	3,400	3,606	3,180	2,911	109.24	117.47
October	3,324	2,460	2,328	2,392	2,648	3,315	2,926	2,789	2,661	104.81	103.02
November	2,912	1,921	2,210	2,350	2,006	2,468	2,198	2,303	2,178	105.74	85.07
December	2,158	1,900	1,853	2,032	1,983	1,916	1,979	1,972	1,939	101.70	72.84
Daily average for year	3,214	2,426	2,395	2,450	2,563	3,031	2,867	2,707	2,575	105.13	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

STATION A-41

ROUTE I-90 & U.S. 10 East of Livingston

TRAFFIC TYPE Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1962													
1963													
1964													
1965													
1966													
1967													
1968	2,664	389	14.6	362	13.6	338	12.7	322	12.1	311	11.7	304	11.4
1969	2,511	418	16.6	375	14.9	359	14.3	348	13.9	337	13.4	333	13.3
1970	2,707	459	17.0	403	14.9	388	14.3	367	13.6	357	13.2	351	13.0
Average	2,627	422	16.1	380	14.5	362	13.8	346	13.2	335	12.8	329	12.5